

## A passion for teaching

University Cup recipient Dr. Tony Lau finds joy in teaching.

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## All sizzle, no steak?

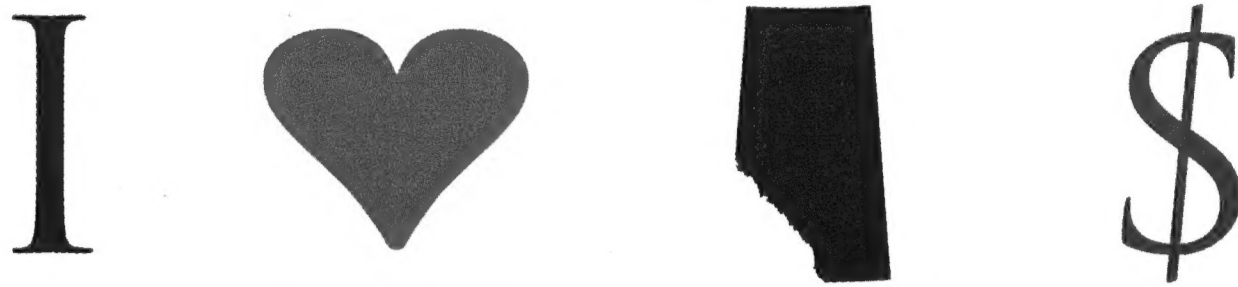
A Conference Board of Canada report says the red-hot western economy has weaknesses. But haven't we heard that before?

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## Flowers for Leonard

Dr. Kim Solez and his robo-pooch invite you to celebrate the works of Leonard Cohen.

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UNIVERSITY OF ALBERTA

# folio

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## Max, the 30-foot lizard arrives on campus

### 65-million-year-old sea monster's at home on the prairies

By Ryan Smith

Imagine coming across a giant lizard – a cross between a komodo dragon and a 30-foot crocodile. That's just what Dr. Michael Caldwell did, and he couldn't be more pleased.

A paleontologist in the University of Alberta Department of Biological Sciences, Caldwell specializes in the study of lizards and snakes of the late Cretaceous Period. This summer, he focused on finding and studying the remains of mosasaurs, a family of huge marine lizards that ruled oceans around the world until about 65 million years ago.

"It was brilliant," Caldwell said of his summer.

In May, Caldwell was in Italy to examine the remains of an ancient lizard he described as being "at the base of the mosasaur family tree". The lizard's remains were particularly incredible because much of the creature's skin was preserved, as well as its bones.

In June, Caldwell and his research team of U of A graduate and undergraduates – being followed by a camera crew from the National Geographic Society – retrieved a "new and complete" mosasaur specimen that Caldwell's team had found the previous summer. Currently encased in three rock-plasters that weigh about 300 kg each, the specimen Caldwell's team found was about 12 metres long, with the girth of a cow, when it was alive.

The remains were discovered at Lake Diefenbaker in southern Saskatchewan. Millions of years ago, when dinosaurs ruled the Earth, the area sat on the western shore of an ocean that stretched from Florida to the Arctic Ocean. The bones of the mosasaur, named Max, after one of the students, were discovered in fossil-rich soil, near the site of one of Canada's most outstanding dinosaur finds – the full skeleton of a *Tyrannosaurus rex*.

The mosasaur skeleton unearthed by Caldwell and his team is complete – the researchers dug up every single bone in the beast's body, from the tip of its snout to the end of its tail.

If the *T. Rex* that prowled the shoreline



Dr. Michael Caldwell with a mosasaur skull. The remains were discovered near Lake Diefenbaker, SK.

was king of the land, mosasaurs were surely one of the most feared creatures of the sea.

"Mosasaurs ate almost anything they wanted, and I mean this quite seriously," said Caldwell. "Mosasaur fossils have been found with other mosasaurs in their stomachs, as well as fish, invertebrates, and so on."

Caldwell's summer research continued in western Europe, where he worked to track down more mosasaur body parts and information. In particular, he studied the remains of the granddaddy of all mosasaurs found to date: a monster measuring nearly 17 metres in length found in Belgium.

Then last month, while he was still in Europe, the entire remains of a mosasaur specimen, nearly complete, arrived at the U of A from Morocco, where it was discovered a few years ago. The U of A Department of Biological Sciences purchased the bones for \$15,000, "a steal,"

according to Caldwell.

"It would have cost us much, much more to collect and prepare these bones ourselves," Caldwell said, adding that the fossils will eventually join the U of A museum collection.

The goal of all these efforts, Caldwell says, is to compile as much information as he can in order to piece together the clearest picture possible of late-Cretaceous biodiversity, and of the mosasaur family in particular.

"The fossils themselves are our database of knowledge of these creatures," he said. "We use them to try to answer as many questions as we can, such as how they evolved and where they lived. We want to be able to place them in their paleo-ecology stream."

Caldwell is also excited about the fact he was recently asked to write a volume on paleoherpetology for the *Handbook of Paleontology Encyclopedia*.

But as great as his summer has been,

"Mosasaurs ate almost anything they wanted, and I mean this quite seriously. Mosasaur fossils have been found with other mosasaurs in their stomachs, as well as fish, invertebrates, and so on."

– Dr. Michael Caldwell

Caldwell is just as excited about the future. He is helping to organize an international mosasaur conference that will take place in the Netherlands next May. He is also awaiting the arrival of digital imaging and microscopy equipment, among other paleontology gear, which he purchased with an infrastructure grant from the Canadian Foundation for Innovation.

"The lab I am constructing emphasizes the use of digital imaging technology to assist in communicating our increasing knowledge of the anatomy of ancient animals. CT scanning technologies, interpreted and analyzed using my new computing power, are helping us look inside the skulls and bones of these ancient animals, so as to visualize their internal anatomy," he said.

"There's no shortage of projects and research topics," he added. "We're really building a paleontology lab for the 21st Century, and we're obviously really excited." n

# University Cup winner has humble roots

**Math department chair beat the odds**

By Richard Cairney

There is a line by Shakespeare that says some are born to greatness, others aspire to it; some have it thrust upon them. Dr. Tony Lau, chair of the University of Alberta Department of Mathematical and Statistical Sciences and winner of this year's prestigious University Cup Award, wasn't born to greatness. And even though he has achieved international renown as a researcher and teacher, it's unlikely he considers himself great, at all. Others disagree.

"He's a remarkable person - he's very modest," says Dr. Parasar Mohanty, a post-doctoral student who traveled to the U of A from India to study with Lau.

The odds seemed stacked against Lau in the beginning. Born into a family of little means in Hong Kong, Lau was part of a small group of students who impressed their teacher so much that she arranged for

them to continue their education in the U.S.

Dr. Evelyn Eaton taught Lau when he was a child in Hong Kong and brought him to America.

"That was probably the best fortune I ever had," Lau says of having Eaton as a teacher. Because she saw something special in Lau and three of his friends, the four went to school and were Boy Scouts together, Eaton found families in the U.S. who would take the boys in so they could continue their education.

"After I finished Grade 11, she made arrangements for me to go to the U.S., to San Jose City College."

After a 19-day ocean voyage in 1961, Lau met Eaton in San Francisco. She drove Lau south to San Jose. There, Lau worked 15 hours a week as a houseboy to a middle-class family with seven children. In exchange for housework, Lau was given room and board. He took on odd jobs, as a dishwasher in a restaurant and as a janitor at a medical clinic, to pay for his education.

"That is how I kept myself alive," said Lau. "I made \$60 a month and that was enough to buy books. My family could never have afforded this. I was on my own since the day I sailed off."

Lau eventually earned his BSc at Berkeley and his PhD at the University of British Columbia.

The University Cup, awarded to Lau at the Celebration of Teaching and Learning on campus today, is the U of A's highest honour, recognizing a senior professor who combines outstanding teaching and research. Lau is internationally recognized for his mathematics research in the field of abstract harmonic analysis. "I don't study numbers," he explains. Rather, he examines functions or measures on sets of matrices or real numbers.

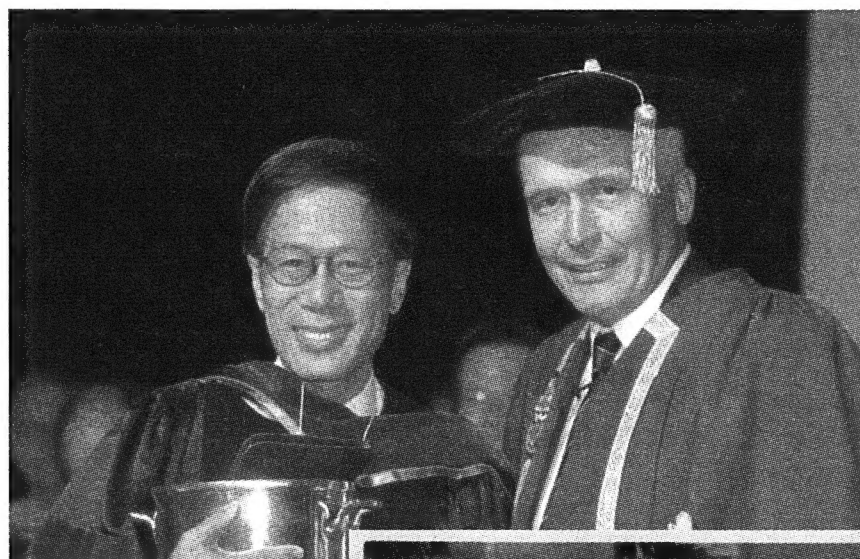
"I think he is regarded as the father of this field," said Dr. Monica Ilie, a post-doctoral student from Romania who studies with Lau. "His classes are really enjoyable."

It's no surprise then that Lau is regarded as an outstanding teacher as well. In fact, he's a previous recipient of the Rutherford Award for excellence in undergraduate teaching, among his many professional accolades.

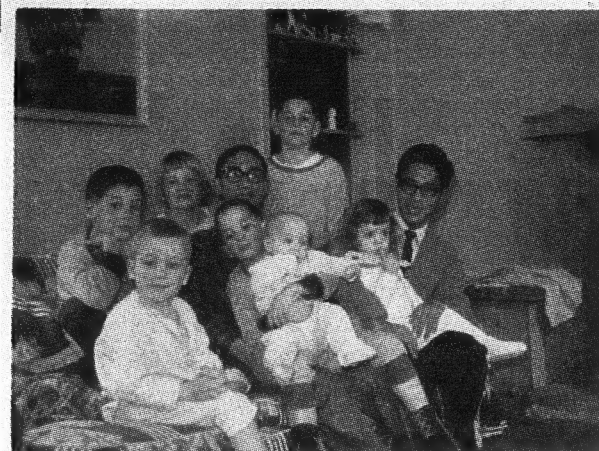
"At UBC, I was given the chance to teach right from my first year. I really like it," said Lau, who still teaches first-year math even while serving as department chair.

"First-year students are so innocent, so eager to learn," he said. The challenge, he added, is teaching students whose understanding of math varies.

"Teaching calculus to a general science student is different from teaching calculus to engineering or honors calculus students."



U of A President Dr. Rod Fraser presents Dr. Tony Lay with the University Cup. At right, Lau (far right) worked as a houseboy when he first arrived in San Jose, in 1961.



These students are different and you have to keep that in mind."

Third-year business student Will Lee says Lau's teaching style suits a wide variety of students.

"He is able to meet the needs of people who aren't so mathematically inclined, compared to higher-level students. So he reaches out to those students first and at the same time he addresses the questions and concerns of the people who are at higher-levels," said Lee.

"He pretty much jumps back and forth - he starts at one end of the spectrum and jumps to the next, then he brings the two of them closer together, and they eventually converge."

"I never address just the top students," Lau said. Some of his classes have as many as 250 students whose abilities in math range from "some just barely passing" to others who aced international baccalaureate programs.

"But I do give them extra challenges and extra problems...To be able to transmit knowledge to people brings me such joy."

To keep his lessons fresh, Lau never simply recites lessons he taught a year ago.

"I don't use my own notes," he said. "I destroy them. I just start from scratch each year. It forces me to be creative."

Lau's wife and their two children are also on campus every day. His wife, Alice, is a librarian. His son, Geoffrey, is completing an electrical engineering degree; their daughter Tiffany is entering her second

year of mechanical engineering.

And while he would never want to teach his own children at university, Lau says it's possible that his passion for teaching was influenced by Eaton. "That could be one of the reasons," he said. "I wasn't very good in the early part of elementary school, except in math, and I started my teaching career tutoring Form 3 math in Hong Kong."

Like Eaton, some of Lau's own students have achieved greatness. Lau's first PhD student, Dr. Keith Taylor, is Dean of Science at Dalhousie University. His second PhD student, Dr. Maria Klawe, is Dean of the School of Engineering and Applied Science at Princeton. Another of his former students, Brian Forest, recently completed a term as chair of the math department at the University of Waterloo.

Lau keeps in touch with his old students and with his old teacher. Eaton, who is now in her 80s and living in Fresno, Ca., is undoubtedly proud of her former pupil. "I send her cards at Christmas," said Lau. "But she doesn't write back often anymore. She says I'm all grown up now."

Fourteen other professors and many undergraduate and graduate students were also honoured at the Celebration of Teaching and Learning, which is organized by the U of A Office of the Provost and Vice-President (Academic). ■

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## New awards for support staff unveiled

**University wants to give credit where credit is due**

By Richard Cairney

A new program has been launched to recognize the efforts of support staff at the University of Alberta.

And nominations for the first Annual Support Staff Recognition Award are being accepted. The first round of the awards will recognize the achievements of support staff later this year.

The idea behind the award, said Melanie Goroniuk, manager of Health Promotion and Worklife Services, is to thank support staff members for the essential services they perform at the university.

The new award will thank support staff who go above and beyond the call of duty in their day-to-day jobs and will be granted in four areas: Business/Financial/Clerical, Transport/Maintenance/Utilities/Trades,

Technical/Information Systems and Health (Medicine, Dentistry, Pharmacy).

Ultimately, the awards will make the U of A a better place to work.

"There has been a lot of work done that talks about the soft rewards you get from work, the pats on the back, the 'attaboys'. Just knowing that your contribution is appreciated is something that makes for a healthier work environment," said Goroniuk.

The awards will also help retain talented staff in a competitive job market.

"The university also knows that, like everybody else, we are competing for talented individuals. And these are the kinds of things that make a difference."

Nominees of the awards must be mem-

bers of NASA, be employed on campus for 12 consecutive months on a full or part-time basis and must be nominated by two university employees. Managers may not nominate their own staff.

Nominees should contribute to a positive culture within their work environment, bring the best of themselves to work while performing their duties and be a good ambassador for the U of A.

Health Promotion and Worklife Services will also help people through the nomination process. For more information on the program visit the office's website at [www.hrs.ualberta.ca/HealthPromotion/index.aspx?Page=414](http://www.hrs.ualberta.ca/HealthPromotion/index.aspx?Page=414) or contact Sarah Flower at 492 - 2249. The nomination deadline is Sept. 30 at 4:30 p.m. ■

# How long will good fortune last?

*The West's economy is running hot, but how sustainable is it?*

By Richard Cairney

**B**ovine spongiform encephalopathy. Oilsands mega-projects cancelled. Drought. Borders closed. Trade disputes with the U.S. It sounds like a recipe for disaster yet Western Canada's economy has been running red hot for years. With warning signs lurking in the background, the Conference Board of Canada recently released a report critical of the West's reliance upon natural resources, repeating the age-old advice: diversify or die.

But this advice, which grates like a broken record when oil and gas revenues are fuelling unprecedented economic growth, has solicited a collective yawn.

Still, it's undeniable that the faults exist. Although the Kyoto Accord was widely blamed for it, True North Energy's announcement that it was cancelling a multi-billion oilsands project in Fort McMurray earlier

this year perhaps had more to do with the fact that material costs for such projects is sky-high because of demand from ongoing projects; and that there simply isn't enough labour available to simultaneously support as many such projects as are being planned.

One possible solution, the Conference Board report suggests, is to fully involve aboriginals in the workforce. Dr. Ellen Bielawski, director of the University of Alberta School of Native Studies, thinks it's a good idea regardless of economic circumstances faced by industry.

"It's amazing that it takes a slump in the western Canadian economy for people to consider this," she said. "But what's important is that something be done."

Bielawski, author of the book *Rogue Diamonds: The Rush for Northern Riches on Dene Land*, says aboriginals need to be offered more than simply labourer's and clerical jobs.

"One of the reasons many aboriginals fail in the structured labour economy is that they are bored to death," she said. "They need the opportunity to become the engineers, the managers, politicians, not just drive trucks. These are systemic issues."

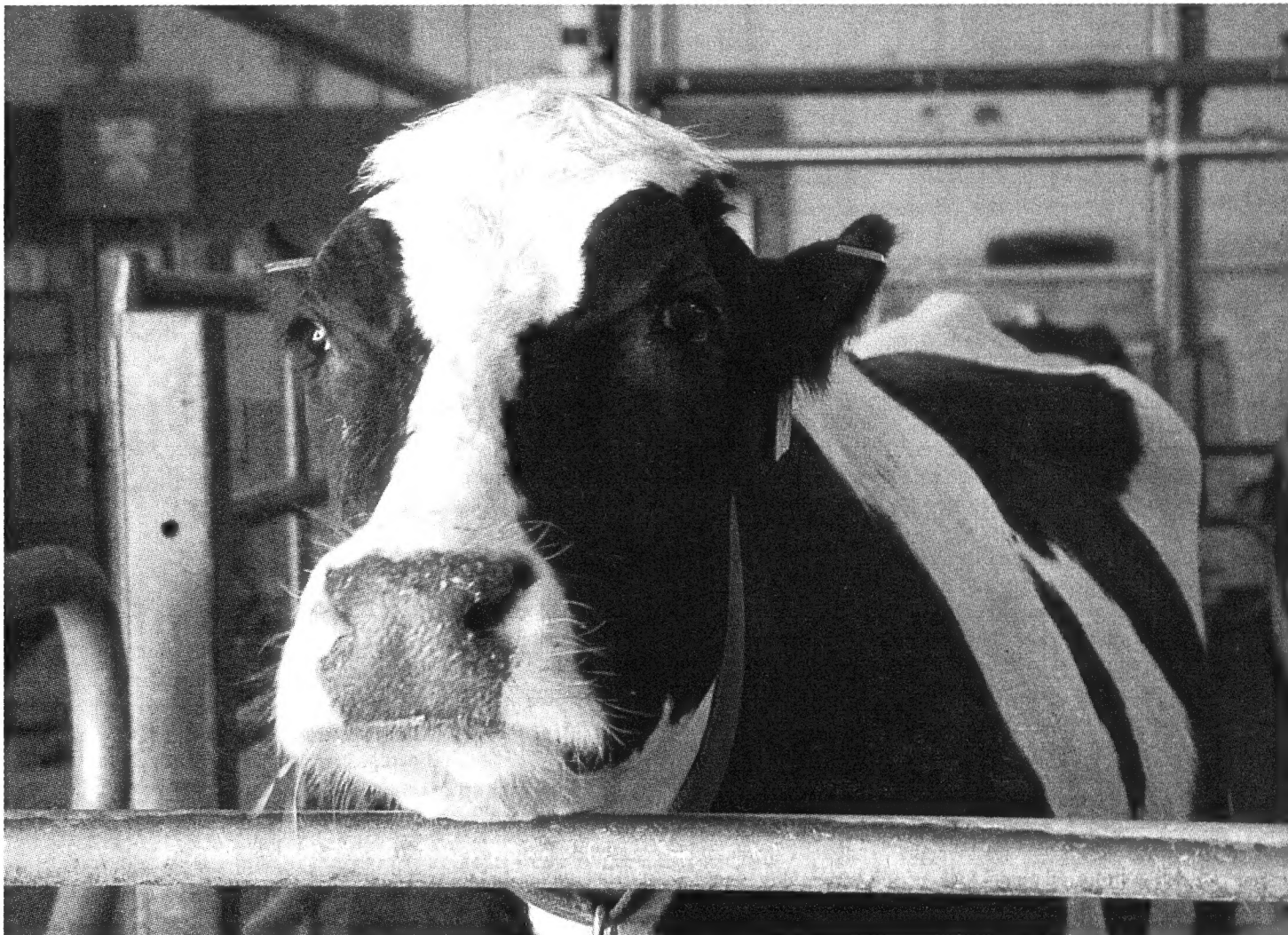
"People are always happy to offer them (aboriginals) jobs driving trucks up at Norman Wells," she said. "But we need to look at what it takes to bring these people meaningful employment."

What it takes is a big change in our education system, starting at the elementary levels and continuing into post-secondary institutions, she said.

Dr. Randall Morck, who holds the Stephen A. Jarislowsky Chair in Finance in the U of A School of Business, sees an even deeper pool of labour available – people who are under-employed in economically depressed areas of the country. But accessing those workers would require a fundamental change in the way the national economy operates. Equalization payments which so-called "have" provinces make to "have-not" provinces interfere with the way the economy naturally influences the

"One of the reasons many aboriginals fail in the structured labour economy is that they are bored to death. They need the opportunity to become the engineers, the managers, politicians, not just drive trucks. These are systemic issues."

—Dr. Ellen Bielawski



The resource-rich western economy has suffered some setbacks but continues to impress.

workforce.

"The fundamental problem is the system of equalization payments in Canada is taking money away from provinces like Alberta and giving it to provinces like New Brunswick," he said. Without the system of equalization payments, "many more people would move from a place like New Brunswick to places like Alberta."

"What may have to happen is we may have to revisit the whole issue of inter-provincial transfer payments. The idea is that if you share the wealth, everyone prospers. But you end up allowing people to stay in areas where economic opportunities are disappearing, and that creates labour shortages."

Overhauling the equalization payment system is one thing, but more immediate problems have having profound effects on the rural economy. When one Alberta cow was found to have had bovine spongiform encephalopathy in May, world markets closed the doors on Alberta's \$4-billion per year cattle industry, causing ongoing losses estimated at \$11-million a day.

"In Alberta, of course, beef makes up about half if not more of the cash receipts received at the farm gate so it is absolutely huge. BSE and closed borders are having a huge impact in the rural sector," says Dr. Jim Unterschultz, a professor in the Department of Rural Economy.

Unterschultz says that loss of will affect rural communities, though it isn't clear yet what the impacts have been on small-town economies.

"We've got government programs that try to get at some non-diversifiable risks. One is crop insurance. People who had crop insurance and good previous production they had relative good income from crop insurance last year," he said.

And while the provinces continue to debate the details of a proposed federal-

provincial plan to insure cattle ranchers from economic fallout of the BSE crisis, a \$460-million federal program to cushion the blow will help feedlot operators.

But there has been a ripple effect. Meat packing plants laid off hundreds of workers in southern Alberta because neither livestock nor processed beef was being exported. American meat packing plants, which compete with Alberta plants to purchase Canadian livestock, also experienced slowdowns.

Dr. Mel Lerohl, a U of A rural economist in the Faculty of Agriculture, Forestry, and Home Economics, says the plants have had "huge layoffs."

But a recent lift on the U.S. ban on Canadian beef, though restricted to boneless, processed meat, has suddenly resulted in a windfall for Alberta packing plants, says Lerohl.

After May, the price that packing houses paid ranchers for livestock took a nose-dive along with demand, says Lerohl. And now, with the export ban partially lifted, they've got a monopoly on Canadian livestock. American packing houses aren't allowed to import livestock, so are unable to compete against their Alberta counterparts, Lerohl explains.

"All of a sudden the only thing we can ship to the U.S. is meat, and we don't have the capacity at the slaughterhouses to handle the livestock people have been unable to sell . . . these guys (cattle ranchers) are going to be sitting in mortal fear of what the packing plants are going to be paying them."

Lerohl says that calls by some ranchers, mainly in Saskatchewan, for the federal government to pay for the slaughter and destruction of 600,000 head of cattle are out of order.

"I think they're panicking," he said. While packing houses may have the upper hand on prices today, once the backlog of

cattle has dwindled, things will balance out. As supply decreases, it will become a seller's market.

"It looks like for the next month or so it is going to be a bonanza for the packing houses but beyond that, it's not clear – it's not clear anyone has even been putting livestock into the feedlots since May."

As for the Conference Board's repeated call for the West to diversify its economy, history has proven that fluctuations in resource prices leave the region vulnerable. A new multi-billion-dollar Stability Fund established by the Alberta government earlier this year could help cushion the blow when energy markets go soft, says Morck.

Setting up such a fund, as long as it doesn't become a political slush fund, is a better idea than offering subsidies to artificially spark new industries.

"When governments set up programs to diversity it works well for a year or so, then there are controversies about billion-dollar subsidiaries to favoured companies," Morck said. "It's inevitably seen as another round of big-time payola. A much better way is to keep taxes low, invest in infrastructure to make it a nice place to live, so talented people from around the world will move here."

The Conference Board Report was critical of quality of life issues in the West, giving it average marks in education and skills. Morck says investing in education clearly elevates the quality of life and can spark economic growth.

"Universities are very important in all of this. In places like Boston and San Francisco you see a lot of diversification in those areas because they have dynamic, competitive universities. Boston became high tech because MIT encouraged its faculty to be entrepreneurs. Those kinds of things are easy to do." ■

Cynthia Strawnson

## What was behind the blackout?

*Two key segments of industry are out of step*

By Dr. Joseph A. Doucet

Electricity is, for the most part, the quintessential silent, reliable and essential consumer product. We use it without thinking about where it was generated and how much it costs. We assume service is and will continue to be reliable, without really understanding the workings, physical or organizational, of the electricity industry. For the importance that it plays in our modern-day lives and in our economy, until the massive power outage in Central Canada and into Buffalo and New York, most of us haven't paid much attention to it at all.

The massive power outage of August 14 has, at great cost, put the spotlight on this essential good and on the industry that supplies it. The growing "disconnect" both organizational and regulatory, between the increasingly competitive generation segment of the industry and the regulated monopoly transmission grid is at the heart of the outage. The challenge of efficiently integrating and co-ordinating market-based generation with a monopoly grid should not be underestimated.

The announcement of a joint Canada-U.S. task force, chaired by cabinet members from both sides of the border, suggests that the specific causes of the cascading blackout will be found and that political weight will be put behind improvements to the system. Understanding the underlying challenge of co-ordinating generation and transmission, though not simple, will be key to moving forward with appropriate policy and regulatory responses.

Although it will likely take months to piece together the facts, it did not take long to point fingers. One quickly identified "culprit" was electricity market restructuring. Given the restructuring experiences in Ontario and California over the past three years, this is not surprising. It is also not quite correct.

Is restructuring of the electricity industry relevant to the outage? Yes, of course it is, because restructuring has changed the structure of the industry. But is it the direct cause? I don't think so.

Restructuring has focused mostly on two specific segments of the electric indus-

try: the generation of power and the wholesale market for power. These are the two areas where it is generally acknowledged that the greatest efficiency improvements can and have been made through the introduction of market-based incentives.

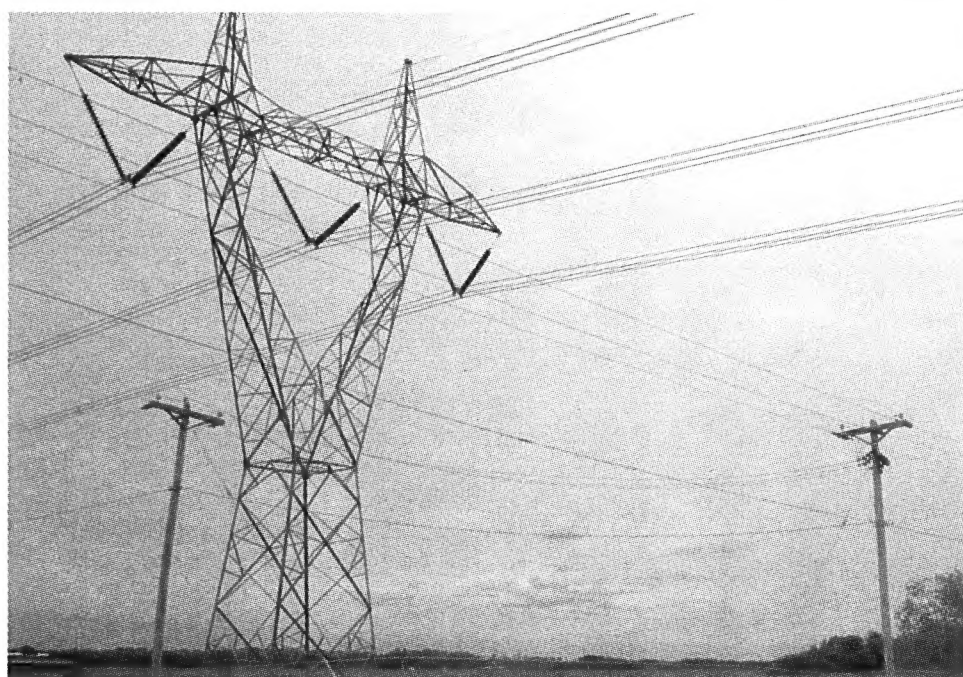
In many North American jurisdictions the generation sector has benefited from substantial investment in the past five years, as a result of restructuring. New plants have been built and existing plants are being run more efficiently. These changes were necessary in order to catch up to demand growth and bring supply and demand back into balance. In fact, one of the drivers of restructuring was the recognition that demand was outstripping supply and the old industry structure was inefficient at providing new supply.

For the most part the "wires" side of the business, both the long-distance transmission wires that make up the North American grid and the local distribution wires within our cities, have not been restructured. These industry segments remain regulated monopolies.

Although the transmission grid was not restructured, and no markets were introduced *per se*, this segment certainly has been affected by restructuring. New competitive wholesale markets and changing generating plant operations have meant significant changes in power flows through the grid. Whereas 20 years ago most power flows were relatively local and a small part of each utility's portfolio of supply, today power moves great distances and often accounts for large quantities of a utility's needs. Ontario, for example, because of its ongoing supply problems, has on occasion this summer imported close to 15 per cent of its peak demand power.

Changing power flows are a predictable and even desirable result of restructuring. We want markets to provide incentives for the use of the most efficient generation plants, and we want electricity to flow to users who value it the most. The highly interconnected transmission grid allows these flows to occur. Restructuring has meant more and longer power flows.

Unfortunately, as the recent blackout



Resolving a growing disconnect between power generators and the grid that distributes electricity will prevent future massive blackouts.

has illustrated all too clearly, transmission lines and grid management have not evolved in the same way as generation. The operating rules and governance structures of transmission grids have changed little in the past years and are clearly not adapted to modern power flows and wholesale markets. Further, partly because they are regulated monopolies, the rate of return available to transmission assets has not been sufficient to attract new investment.

As demand and supply of electricity have grown in North America, and as power flows have increased, the transmission grids have not kept pace, either physically or organizationally.

Today we face an industry where two key interdependent segments are no longer moving in lockstep. The challenge, and it is formidable, is to move forward and organize each of these segments in the best way possible and ensure that they work together. This means keeping market incentives where appropriate for the generation and wholesale segments and making sure that plants are built and operated both efficiently and safely. But it also

means implementing the co-ordination mechanisms and investment incentives necessary for the monopoly transmission grid, even as grid assets sometimes compete with generation resources. Finally, it means integrating the market-based generation segment with the monopoly grid and applying clear and enforceable standards for the safe and reliable operation of the entire system.

This integration and co-ordination of generation and transmission, both in operations and investment, will not be easy. New approaches to organization and management of the grid will take years, not months, to develop and implement. In the U.S. in particular, politics, especially federal-state jurisdictional issues, will complicate the debate. The August 14 blackout has provided a clear signal that we can't afford to ignore this policy challenge any longer. ■

(Dr. Joseph A. Doucet is H&R Drilling Professor of Regulatory Economics and director of the Centre for Applied Business Research in Energy and the Environment at the University of Alberta School of Business.)

## New vision of a welfare state

*Canada Research Chair promotes new ideas about citizenship*

By Simon Kiss

Dr. Anna Yeatman rejects the traditional liberal theory, stemming from John Locke and Jean-Jacques Rousseau, that individuals exist naturally and that the goal of the state must be to enable individuals to express their own nature.

"The individual isn't just already 'there'. A self-determining individual is a complex achievement on the part of government, society, and the individual. In this sense, the individual has to be made. There has to be an entire infrastructure of support that prompts, prods, and facilitates you to become a self-determining individual," Yeatman said.

Recruited from McQuarie University in Australia, Yeatman is a new professor in the University of Alberta Department of Political Science and has been named the Canada Research Chair in Social Theory and Policy. She was attracted to the U of A by the combination of persistent lobbying by the former chair of the Department of

Political Science, Dr. Janine Brodie, and by the attractive package offered by the Canada Research Chair.

Her research centres on democratic governance and approaches to public policy that suits a globalizing world and create a genuinely inclusive citizenship. "You can't think about the state without thinking also about civil society and family-personal life," she said. "When I think about the political, I can't help but think about the social as well. I don't believe you can think about democracy, freedom, and equality without thinking about how to democratize the family, for example, and this illustrates how the political connects with the social."

And yet her critique of liberalism is not just a negative project of tearing down long-held beliefs about politics and the state. Her arguments carry a much more positive tone.

"Based on how I have developed as a person, I'm unable to stop at critique, I

have to proceed to reconstruction," she said. "If something is worth critiquing, then in all likelihood, we need it!"

It is in this context that Yeatman sees her work on individuality as building on liberal thought, and thus as post-liberal in orientation.

A social democrat, she's realistic in accepting that the 20th century type of welfare state has disappeared. "At the end of the 1980s under the Labour federal government in Australia, it was like the ground under my feet was slipping away," she says. "At the time we had nothing to offer but to bemoan the fact that it was being torn down and to be consumed with nostalgia."

Yeatman hopes her research contributes to a new concept of social welfare and helps revive an idea of an inclusive citizenship. A major goal of her research chair is to create a research environment in which graduate students and colleagues

can develop these policy ideas and have them communicated to the appropriate audiences.

"I'm a believer in academic-practitioner exchanges. Those kinds of relationships should be structured for and the opportunities taken," she noted. In Australia, Yeatman has conducted numerous public policy consultancies in human service areas that have helped her develop skills in academic-practitioner exchange.

Her passion for training graduate students comes through clearly when she speaks about her goals for the research chair.

"An academic program is only as good as its graduate students," she said. "I want to encourage graduate students to take themselves seriously and to take ideas seriously. I don't want them to be side-tracked by current academic fads or sucked into a self-referential academic culture," she said. ■

# What's so stressful about campus life?

*Grades, romance and adjusting to campus, survey says*

By Richard Cairney

A new study that examines the top concerns of University of Alberta students suggests little has changed over the past seven years: the biggest worries continue to be romance, finances, and getting a job. Conducted by the U of A Student Counselling Services, the 2000/2001 Student Life Survey tracked the same issues measured in a 1995 student survey. The report is based on interviews conducted with about 1,500 U of A students. Although direct comparisons between the two surveys aren't accurate because of changes in methodology, both present similar results.

In both cases the top three stress-related concerns are the same: 90 per cent of students have faced difficulties in adjusting to university and have wrestled with receiving bad grades; and approximately 60 per cent have struggled to deal with a broken romantic relationship.

Dr. Howard Saslove, director of Student Counselling Services, says he isn't surprised that students struggle to adapt to life on campus, especially if they've moved here from a smaller centre. And though services are made available to students, sometimes they are overlooked and not used.

"It's tough if you haven't lived anywhere else but with your parents," he said. "Think of the average 18 year-old during orientation. How many of them are going to walk up to the counselling booth with all their peers standing around?"

And then there is the issue of international students, he adds.

"Those students have to adjust to a new country and a new language: never mind the studies – what's a 'winter coat'?"

He added that, while some areas of concern for students haven't changed in the past five years, there are some programs that go a long way in making university life, particularly the transition into

life on campus, easier.

"There are different ways to make people feel more comfortable. The Week of Welcome is one of them. This campus is a large place, and if you're going to make the adjustment, it's a good place to start."

"A lot of people come here because it is their last hope. People have lied to their families, telling them they're not failing when they are. Other people will come in here after getting their degree in, say, engineering, and they don't want to become an engineer. They did what their parents wanted them to do."

"I'd like some way of getting the message out that you don't have to wait. An ounce of prevention is worth a pound of cure."

Saslove said he had hoped a recent Senate task force report on wellness on campus would have paid more attention to mental health issues. He says the task force report's focus on physical wellness is admirable, but that it misses an important part of health.

"I think mental health is under-represented in the report," he said. "You can add more bike trails and gym lockers, and you can ban smoking. But it's harder to improve mental health. It's harder to implement programs and evaluate them than it is to take care of the more concrete, physical health stuff—and there is still a stigma around mental health issues."

That stigma appears not only in institutions, Saslove says, but also in cultures.

"In some cultures, you just don't go to get help for mental health or emotional problems—it's a sign of weakness," he said. The attitude is telling. If a person suffers a visible injury, such as a broken leg, they immediately seek out medical attention, and the cast draws attention to the injury. But people are reluctant to seek help for emotional problems.

Because of that, Saslove says, it's



Student Counselling Services director Dr. Howard Saslove (left) says students need to know help is available, and when to seek it.

important that help be offered. And, he added it's everyone's responsibility to help members of the campus community.

"A community is a place where, if you notice someone in your class or sitting next to you who seems to be having problems, the appropriate intervention is to simply say: 'Hey, are you OK?' It doesn't take an expert to do that. We lose that important sense of community by relying on other people to do things that are just common civility."

The study made several suggestions to improve life on campus, including a week off for students during the fall semester. Saslove said he isn't optimistic this will happen any time soon. And he doesn't personally endorse the idea.

"It's an interesting idea, for sure. But it

would take away a week of class time, and it would dilute the integrity of some course work and a lot of professors say there is little enough time in a semester anyway," he said.

"Right now the break is towards the end of the school year, and although research results show there is no difference in stress between one term and the next, it makes sense that over the course of a year that a break like this would be needed more towards the end of the year than at the beginning."

Student Counselling Services is holding an open house Nov. 6 to help give members of the campus community a better idea of the services it provides and to raise awareness around common mental health issues. ■

# Grad student stacks up scholarships

*Key to success is balance in life*

By Wanda Vivequin

Ask electrical and computer engineering graduate student Kenneth Chau what he likes most about studying at the University of Alberta and his answer is rather unexpected.

"Home cooking," he says with a laugh. This outstanding student ranks his family's support as one of the main reasons for staying in Edmonton while he plots his career path to what almost certainly will take him into the top echelons of international researchers.

Chau has been awarded more than \$50,000 in graduate scholarships.

Chau was surprised at his success in earning all the scholarships, which include a Julie Payette Natural Sciences and Engineering Research Council Scholarship, a Walter Johns U of A Scholarship, a Ralph Steinhauer Alberta Heritage Fund Scholarship and an Alberta Ingenuity Award.

"It was hard work putting in the applications, but worth it," he said.

"I don't think you need exceptional talent to achieve exceptional goals," Chau said. "You just need to be very passionate about what you are doing, surround yourself with good people and don't run someone else's race. Be honest about what it is you want to do, but above all else make sure you have balance in your life," he added.

Chau's work is in the very specialized and constantly evolving field of ultrafast

photonics. He has been working in the laboratory of Dr. Abdul Elezzabi, a professor in the U of A Department of Electrical and Computer Engineering.

In simple terms, Chau's work involves finding out what happens to light when it interacts with materials on a time scale that most people could not comprehend.

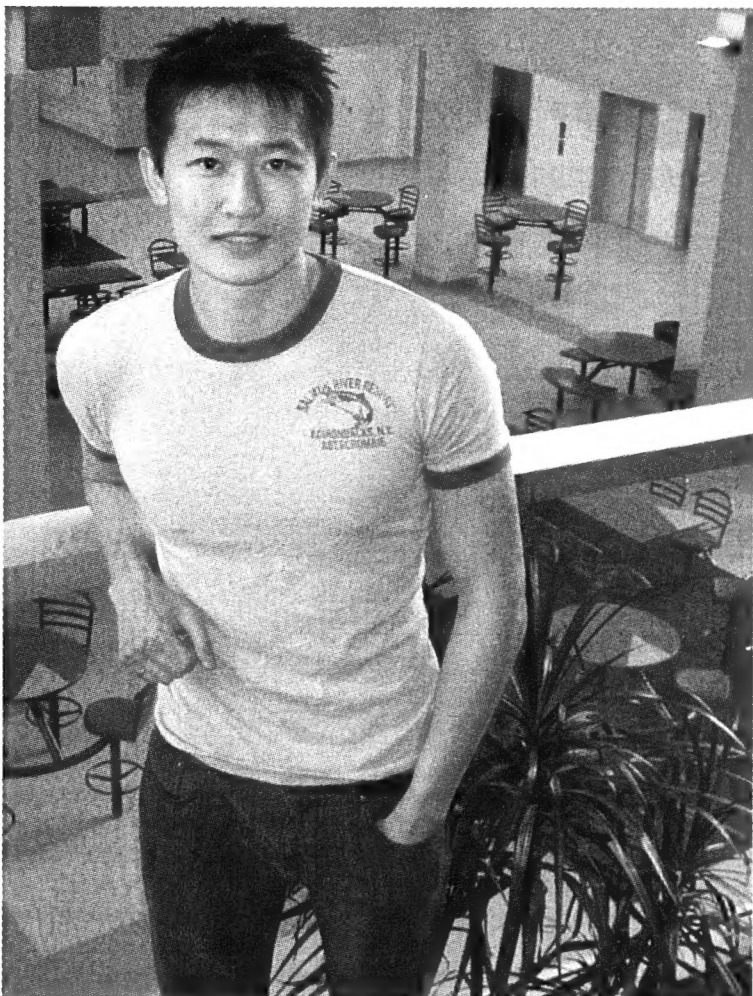
"Weird things happen, and if we can understand how it works we can find applications for its use," he said. "It's an evolving field and already there are applications. For example, we can examine material with a short burst of light without destroying it."

Working in this field is a far cry from his first day as an undergraduate student. Chau remembers that as being a daunting experience.

"I can sympathize with all those new undergraduates who are starting school because I found the university to be a really big, overwhelming place when I started," he said.

Chau's parents arrived in Canada from Hong Kong with very little and played a central role in getting their son and daughter, Maria (also a previous U of A Chancellors' Citation winner) to believe in themselves and succeed.

"University is an amazing part of your life, and I am enjoying my time at the U of A so much. It's like a family as well," Chau said. ■



Graduate student Kenneth Chau has earned a staggering \$50,000 in scholarships.

"You just need to be very passionate about what you are doing, surround yourself with good people and don't run someone else's race. Be honest about what it is you want to do, but above all else make sure you have balance in your life."

— Kenneth Chau

# World leaders join pediatrics department

*When you're on top, you work all the time*

By Ryan Smith

Dr. Patricia Massicotte and Mary Bauman will be on call 24 hours-a-day, seven days a week for the next 12 to 18 months. They have to be – they are the only experts in the world in their field.

Massicotte and Bauman are two of four members who comprise the only pediatrics thrombosis team in the world. The team has moved to the Stollery Children's Hospital in Edmonton from the Hospital for Sick Children in Toronto, it was announced in late August.

The team made the move to Edmonton because the University of Alberta, Capital Health, and various provincial funding agencies, such as the Alberta Heritage Foundation for Medical Research, have offered a better funding infrastructure for the team to advance, share, and apply their research, Massicotte said.

Pediatric thrombosis refers to blood clots in children. There is still much to be learned in this new field of study, Bauman said. Researchers do know, however, that it is rare for a child to suffer a sudden clot, but it is not so rare for a child who receives intravenous treatment in a central vein after a major surgery, particularly cardiac surgery.

"We know now that children have died because of blood clots in the past, but the doctors at the time didn't know the cause of

death," Bauman said, adding that pediatric thrombosis is a much different discipline than the study of thrombosis in adults. For one example, adults have more proteins that affect clotting than children do.

"Our interest is in diagnosing, treating, and preventing blood clotting in children, and we want to combine basic research with clinical research and clinical expertise to get this done," Massicotte said.

Massicotte, who studied under the late Dr. Maureen Andrew, is now the only pediatrics thrombosis physician in the world. Her team includes: Bauman, a pediatrics thrombosis nurse clinician; Lesley Mitchell, a clinical research methodologist; and Kim Lucid, an administrative assistant who "holds the team together," Massicotte said.

"With the arrival of this team comes expertise, as well as the latest and best treatment for thrombosis in children. We're very excited," said Dr. Terry Klassen, chair of the U of A Department of Pediatrics and Child Health.

"We share Klassen's vision to develop and share this research, and we're excited about the funding infrastructure that we need to conduct evidence based research, and that's what we were able to get here," Bauman added.

The new pediatrics thrombosis program is officially named the Peter Olley



The U of A pediatrics thrombosis team: Dr. Patricia Massicotte, Mary Bauman, and Kim Lucid (missing: Lesley Mitchell).

Endowed Chair of Pediatric Thrombosis. It honours Dr. Peter Olley, chair of Pediatrics at the U of A in the '80s and '90s.

Massicotte said that plans are in place to develop a training program to develop new experts in the future. The team also operates a 1-800 number (1-800-NOCLOTS) to field questions and concerns about this

issue from around the world.

As for being on call all day, every day, neither Massicotte nor Bauman seem concerned.

"I know what we do makes a difference," Bauman said. "I know what we do saves children from dying."

"I love what I do," Massicotte added. ■

## New prof has his hands on Mars

*Research can determine process that formed extraterrestrial rocks*

By Simon Kiss

Once Dr. Chris Herd's lab gets up and running, the University of Alberta will have a close link to Mars.

Herd, a new professor in the U of A Department of Earth and Atmospheric Sciences, studies rocks. From Mars.

"I'm a believer in the approach of comparative planetary geology. By studying the geology of other planets and bodies in our solar system, we can learn more about our own planet," said the 28-year-old Ottawa native.

The meteorites Herd analyzes are knocked free from Mars' surface through collisions in space. With a little luck, those samples can break free from Mars' atmosphere, travel through space and, with a lot more luck, land on Earth. The central col-

lection for Martian samples in the world is at the Johnson Space Center in Houston, where Herd worked for several years following his PhD at the University of New Mexico.

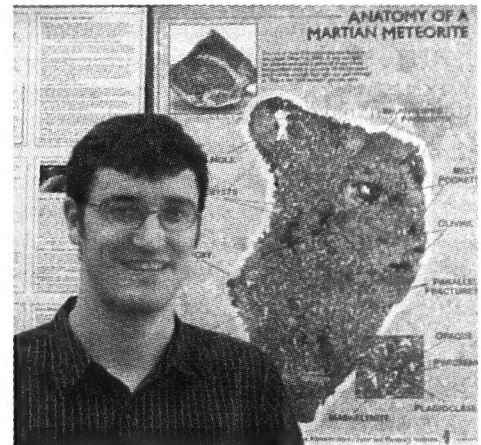
The central thrust of Herd's research is to take simulated Martian meteorites and subject them to certain changes in climate, pressure, and temperature.

"You control these variables and then you take fake rock and compare that to your analysis of natural rocks. If you're close, then you've done a good job simulating the natural process under which these rocks were made," Herd said. "There are various things you can look at, but in my case it's trying to reproduce the conditions under which Martian rocks crystallize."

Furthermore, by studying the rate of oxidization – the amount of oxygen that has reacted with elements in the meteorites – a person can make estimates about whether the meteorites came from the Martian crust or mantle.

"At one end you have some samples with very low oxygen, which we call reduced, and others that have a lot of oxygen, which we call oxidized. It appears that the oxidized rocks may have had water in them. We're talking about intrinsic water, as opposed to surface water," said Herd.

As far as his long-term goals go, Herd hopes to establish a program with facilities at the U of A so that students can take known geological techniques and apply them to rocks from other planets. ■



Dr. Chris Herd's research focuses on rocks from Mars, providing detailed information about the red planet.

## McCalla prof plays with the fifth dimension

*Award allows full-time commitment to research*

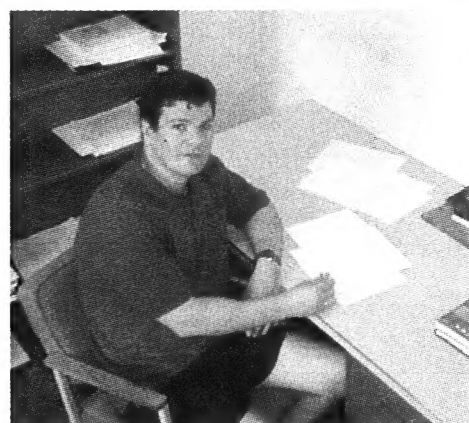
By Ryan Smith

In a field of extraordinary complexity, Dr. Marc de Montigny uses the simplest of tools: pen and paper. Simplicity defines de Montigny's mode of operation, and it serves as a sort of motivation to drive his research in mathematics and physics.

The University of Alberta Faculté Saint-Jean professor is interested in the mathematical "games" that help explain the universe. He is currently exploring ways to exploit covariant equations that correspond to the equations created by Einstein's work in special relativity, and utilize them in a non-relativistic, low-velocity context. In other words, he's trying to make these equations appear simpler.

To achieve this, de Montigny takes relativistic equations, which were completed in the context of a four-dimensional mathematical field, and he adds a fifth dimension and other elements to them that make the equations non-relativistic after an appropriate projection back to a four-dimensional field.

Typically, the symmetry equations in



Dr. Marc de Montigny has earned a McCalla professorship to focus on his research.

the five-dimensional field will appear "more simple, elegant, and beautiful" on paper than the non-relativistic equations, he said. Also, and equally or more important, the new covariant equations would allow de Montigny and other mathematical physicists to test new and different theories with these new equations.

"I have been interested in a procedure

called 'contractions' of Lie algebras and related problems for more than 10 years," he said. "Contractions are unifying and elegant limit procedures; one starts with a given Lie algebra and deforms it into a different Lie algebra that describes an approximate theory. I plan to investigate contractions of infinite-dimensional Lie algebras together with the existence of so-called central extensions."

De Montigny has won numerous awards for his teaching and research since arriving at the Faculté Saint-Jean in 1995, including the Faculté Saint-Jean Research Award in 2002. For the upcoming 2003-2004 academic year, de Montigny has earned a U of A McCalla Professorship, a distinction that provides him with a nine-month release from his teaching duties so that he can focus exclusively on his research.

"He is a very dedicated scientist, and he works with us in a small but cohesive and dynamic group of science professors," said Dr. Marc Arnal, dean of the Faculté Saint-Jean. "Our student applications in

science have gone up dramatically in recent years, and I think this is due in large part to the quality of our professors in this area, of which Dr. de Montigny is a key player."

During his break from teaching, de Montigny hopes to publish "two or three" articles on this topic in the major journals in his field, and he feels the break will serve to improve his teaching, as well.

"I've noticed many times that I teach at my best in September after I return from the summer break. I think that it is after I return from conferences and have been able to read and discuss issues with my colleagues in the field that I come back with new perspectives and feel more refreshed," he said.

His ultimate goal with his research is to, through collaboration with others around the world, "be able to describe the universe in a simpler way," he said.

"I'm interested in general patterns and discovering the rules of the game of how the universe works. It's fun work for me, and it's fundamentally important." ■

# Six new chemistry profs scooped by the U of A

*Department saw opportunities it couldn't ignore*

By Stephen Osadetz

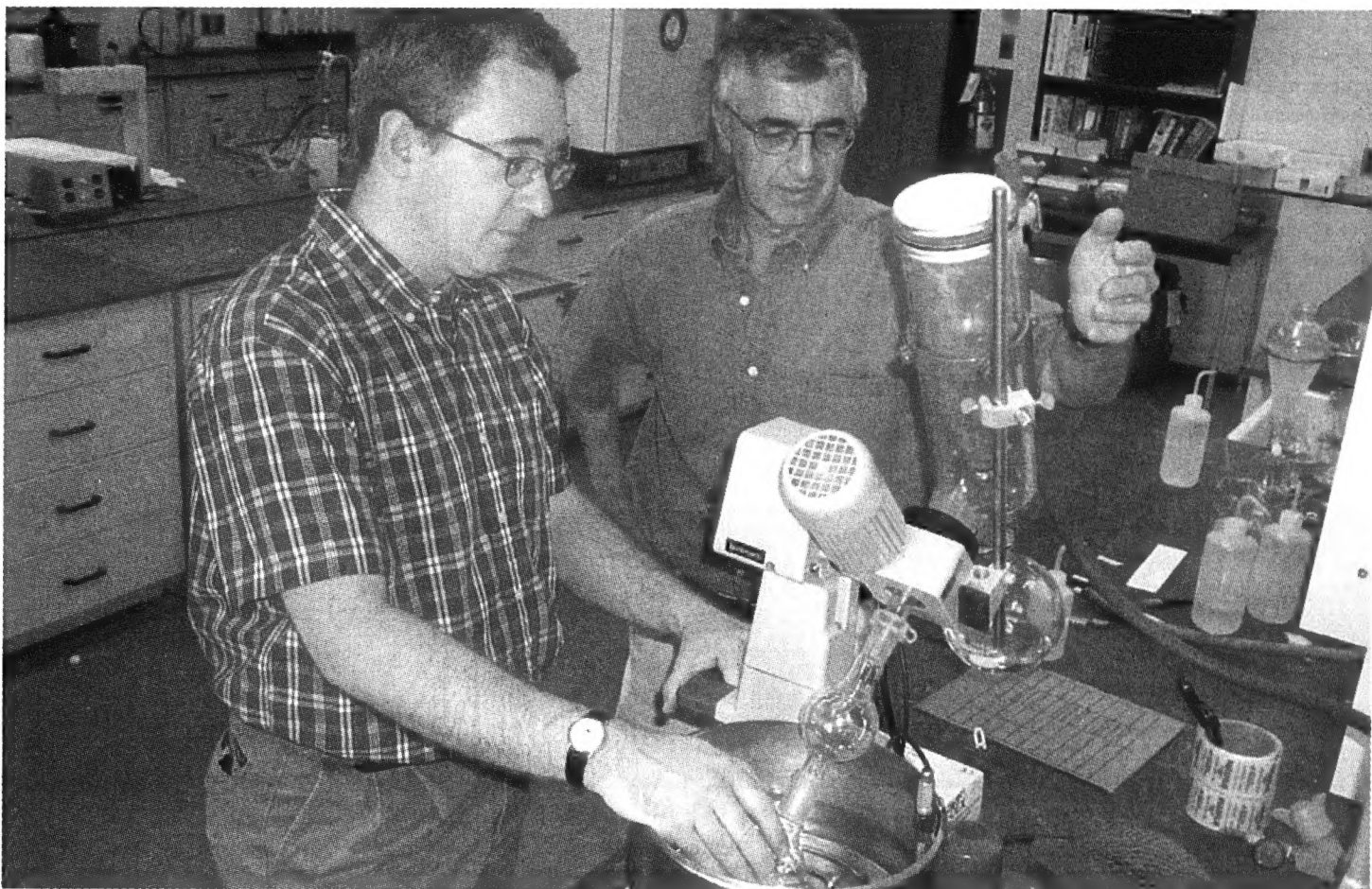
Dr. Robert Campbell, a new professor in the University of Alberta Department of Chemistry, spent one of his first days on the job at home, waiting for the moving van that carried his furniture from San Diego. Two days earlier, Campbell completed the long drive from his old home in California to his new one in Edmonton. "I've never owned a house before," he said, "so this is all new to me."

Campbell is the last of six new additions to the Department of Chemistry to arrive in Edmonton, five of whom have come to the U of A after working in the United States. According to department chair Dr. Martin Cowie, "this is unprecedented for the department – we've never made six hires at once...We didn't set out to do six hires; this wasn't the plan, but some opportunities came up that we just couldn't say no to."

What attracted the department to Campbell was his interdisciplinary work that connects chemistry to cell biology. "This is really a new approach to chemistry, because he's almost as much a biologist as a chemist," Cowie said. "He doesn't really fit within the classical picture of a chemistry department, which is what we wanted when we hired him."

Campbell engineers proteins that he says work as intra-molecular "tools". Some of these proteins, for instance, are special because, unlike any of the proteins in, say, a human cell, these protein tools can fluoresce, allowing them to be used as markers of certain conditions in a cell. "This is incredibly sensitive – you can even look at a single molecule, in the extreme case, using fluorescence, because human cells are not fluorescent; people are not fluorescent," he said.

Of the new hires, five, including Campbell, have been lured from positions in the United States. Dr. Todd Lowary, who had been working at Ohio State University in carbohydrate chemistry,



Dr. Martin Cowie looks on as Dr. Todd Lowary settles into his new lab.

turned down an offer from the University of Toronto to come to the Alberta Ingenuity Centre for Carbohydrate Science. He'll be taking over the position left by Dr. Ole Hindsgaul, a well-respected researcher in the same field, who has left the U of A to assume a prestigious chair in Denmark.

"I'm trying to inhibit the biosynthesis of carbohydrates in living systems, which could then be used as new ways of treating diseases, particularly tuberculosis, with some interest in cancer as well," Lowary said.

As well, the husband-and-wife team of Dr. Jillian Buriak and Dr. Hicham Fenniri came from Purdue University to help steer the National Research Council's fledgling National Institute for Nanotechnology.

Dr. Alexander Brown is also joining the department. Brown is a theoretical chemist who has just completed post-doctoral work at Emory University.

Finally, Dr. Yunjie Xu, the only hire from within both Canada and the U.S., becomes a tenure-track professor with the help of a University Faculty Award from the Natural Sciences and Engineering

Research Council of Canada. Xu is the wife of distinguished U of A chemist Wolfgang Jäger, and, as Cowie said, "we wanted to get more women on staff – this was before we'd even hired Jillian – and we hadn't been successful, period. So we looked at using this UFA award, advertised it, and Yunjie was definitely the best candidate."

When all is said and done, these professors bring not only their own expertise and the research dollars that follow them here, they also open new research possibilities for graduate students and post-doctoral researchers at the U of A, Cowie said. ■

# Renowned composer joins music department

*Brings national profile, innovative works to campus*

By Ryan Smith

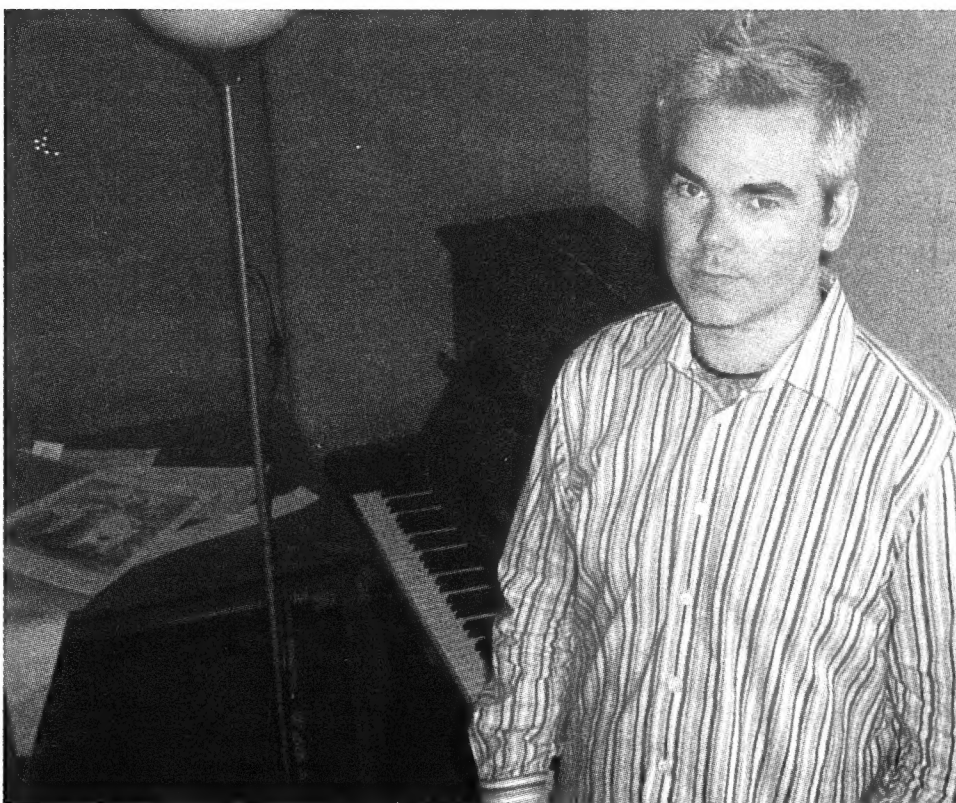
This summer, Dr. Paul Steenhuisen arrived at the University of Alberta after a long journey. The 37-year-old has had his "years of struggle" working and earning international acclaim as a freelance composer, but he has always envisioned himself returning to an academic and teaching environment. Which is not to say he plans to slow down anytime soon.

The former composer-in-residence for the Toronto Symphony is currently working on three pieces, one each for the ERGO Ensemble, the Gryphon Trio, and the New Music Concerts. He is also writing a book, a compilation of interviews he's conducted with top composers in Canada and internationally. The award-winning composer is the newest of three music composition professors at the U of A.

"This is ideal. This is the way it should be. I think universities can provide wonderful, fertile, and creative environments," he said. "I love talking music with my colleagues. As a freelance composer you're always chasing down your latest piece and you don't get a chance to do that as much."

He also believes his professional experience will augment his teaching. "I think the best teachers also have active careers," he said. "Proximity to the music as a composer helps teaching commensurately. It's such a specialized field, and if you're not close to it you can't teach it."

Steenhuisen, whose compositions include *Your Soul is a Bottle Full of Thirsting Salt* and *Now is a Creature*, describes his



Dr. Paul Steenhuisen is one of three new composition professors in the Department of Music.

compositions as contemporary or avant-garde music. They combine traditional orchestral instruments with electronics and computer-generated sounds.

"My music is often dissonant. It's not bound to conventional views of pitch. It's

complex. It contains tons of information and tries to use the instruments to their full potential," he said.

Steenhuisen "is not afraid to enter complex premises and develop them to their full extent, and what results is music

that continually surprises and gives a sense of presenting something extraordinary," said Dr. Leonard Ratzlaff, chair of the U of A Department of Music.

"We're very excited. He's a tremendous addition to our faculty," Ratzlaff added. "He's an outstanding composer, and I think his presence here will also attract some outstanding students, especially graduate students."

Steenhuisen is excited, as well, particularly about the prospect of working with the U of A's other two composition professors, Howard Bashaw and Dr. Laurie Radford. Bashaw, a former classmate of Steenhuisen's at the University of British Columbia, composes acoustic music. Radford directs the U of A electronic music studio.

"We seem to have complementary skills and interests, and I foresee the U of A music department developing in a particular way and having a great presence in Canada," Steenhuisen added. ■

# American elevates Canuck poet

Leonard Cohen should mean as much to Canadians as Robbie Burns does to Scots

By Richard Cairney

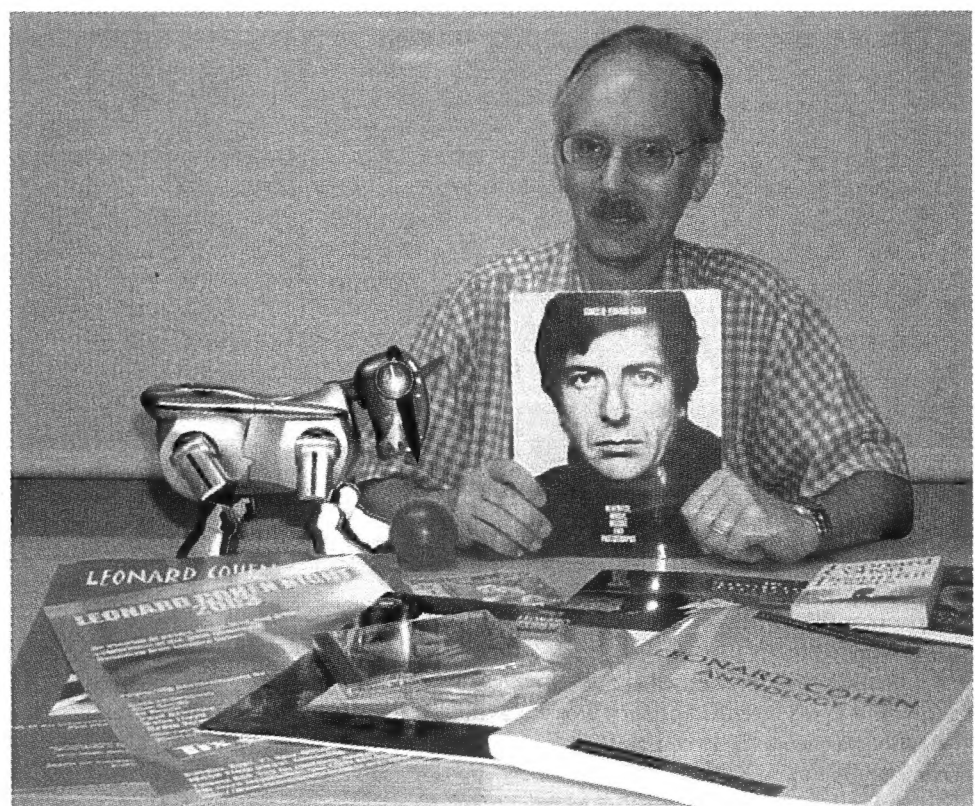
This time last year, Dr. Kim Solez was swamped. Aside from his daily duties as a professor in the Department of Laboratory Medicine and Pathology, the internationally renowned nephrologist was taking calls from experts around the world and conducting interviews with one reporter after another.

Solez wasn't talking to his professional peers, though, and the media spotlight wasn't on him because of some medical research breakthrough. Instead, the fuss was over the inauguration of the first annual Leonard Cohen Night, an international party celebrating the works of Canadian poet Leonard Cohen.

And this Sept. 21, when Cohen turns 69, Solez and Cohen fans around the world will be hosting another Leonard Cohen Night.

Solez got the idea a couple of years ago when he was attending scientific meetings in Scotland, as a Robbie Burns Day approached. "Here I was, trying to have these august meetings talking about high science and it all just ran head-first into this much stronger force of people celebrating the birthday of Robbie Burns. I found it fascinating that it would have this power," he said.

"When I tried to move things forward I just found everyone was focused on



Dr. Kim Solez with Leonard Cohen paraphernalia and robo-pooch Aibo, who will perform and schmooze at the Leonard Cohen Night celebration Sept. 21.

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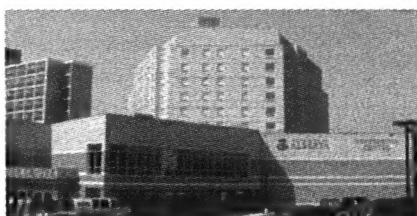
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Robbie Burns Night."

Solez, an American who was recruited to the U of A from Baltimore's Johns Hopkins University in 1987, decided Canada ought to be equally enthusiastic about Leonard Cohen. Solez had never heard of Cohen until he and his family listened to a radio interview with the poet, while vacationing. He was immediately hooked.

"It seems like most artists know music and they are far superior to ordinary human beings in their command of music, but that their thought processes are not necessarily superior to yours or mine," he said.

"But Leonard Cohen seemed different. His understanding of language and the human condition runs deeper than it does for most people. It seems that he gets all sorts of things that the rest of us don't. And there are so many facets to him: he is a novelist, poet, singer, songwriter and an artist. There is just an amazing breadth of skills. The more you probe into Leonard Cohen the more you find."

This year's Leonard Cohen Night will feature local performers staging works by Cohen.

"Last year we had people who performed at other Leonard Cohen events, a blind street singer from South Africa, and a guy from Australia who had held his own Leonard Cohen event then came here for ours," said Solez. "This year we wanted to focus on local talent. It makes the event one of much more lasting interest."

Local folk musicians and recording artists Dale Ladouceur and Ben Sures will perform at the event, as will, Al Brant, Paul Bromley, Babe Lloyd, and Craig Shafer. Toronto comedienne Nancy White

will perform her comedic song *Leonard Cohen Ain't Never Gonna Bring My Groceries*

In as well as a number of Cohen songs.

In an interesting twist that brings a dose of irony and technology into the event, a Sony Aibo robotic dog owned by Solez will also recite three Cohen works. The computerized dog performs certain gestures when it utters certain words, so Solez searched long and hard through Cohen's works to find words that sparked the most interesting move-

ments from the dog. It's a sort of reverse choreography.

Solez will present a video of the dog performing two songs, *The Great Event* and *Queen Victoria* and Cohen's shortest poem, *The Gift*. Cohen's CD recording of *The Great Event* employs computers in a similar fashion. The lyrics are 'sung' by a Mac computer program using a voice named Victoria.

"In the recording Leonard only sings one line, and the rest is performed by a computer, so it's really an appropriate song for the dog to sing."

The evening includes "a Montreal style Cohen-esque meal with smoked meat and Greek salad and things having to do with Cohen's Greek period," said Solez.

The bar will feature Cohen's signature drink, the Red Needle.

The event is being held at the Hellenic Canadian Community Centre (10450 116th Street) Sept. 21 from 4 p.m. – 12 midnight. Tickets are \$49, \$25 with student ID, available at 407-6862 and at Tix On The Square. For more information, visit [www.leonardcohenights.org/2003.htm](http://www.leonardcohenights.org/2003.htm).

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# \$5.4 million grant gained for health mentoring

*Project helps build bridges between disciplines*

By Stephen Osadetz

Researchers at the University of Alberta have received a total of \$5.4 million to open the minds of the next generation of health workers. The money, part of a nationwide, \$33-million, 33-project announcement in early July from the Canadian Institutes of Health Research, will support three U of A projects.

Dr. David Olson, head of the U of A Perinatal Research Centre (PRC), and Dr. Larry Fliegel and Dr. Dennis Vance, both professors in the Department of Biochemistry, will equally share in the U of A's grant money. Their projects are designed to help young researchers connect with people beyond their own disciplines in order to build bridges where there were once academic walls.

Olson will use his grant to oversee 21

Because we  
work within our  
own disciplines,  
we don't com-  
municate very  
effectively with  
other disciplines

— Dr. David  
Olson

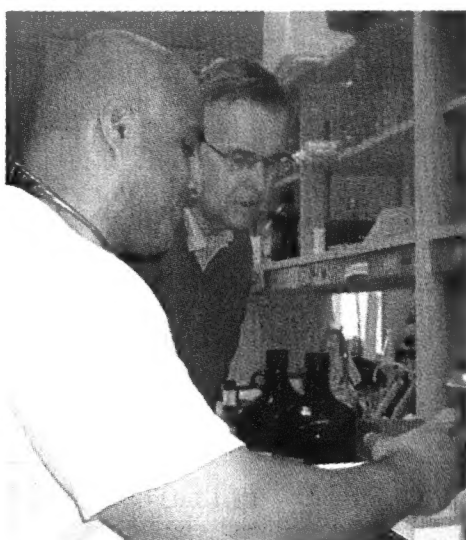
professor/mentors, each of whom will train their students to think outside of their discipline's box.

The importance of this new initiative is illustrated in a story Olson tells about Dr. Margaret Harrison, a professor in the U of A Faculty of Nursing.

A few years ago, Harrison completed a study that challenged what clinicians thought they knew about maternity care. Contrary to common beliefs, she found that expectant mothers who are at high risk of pre-term delivery do better the more time they spend at home and the less they spend in the hospital.

The babies fare better, too. If the mother stays at home, the babies are born two weeks later, they're heavier and healthier, and they spend fewer days in the ICU. Not only do the mothers and babies do better, but so do the taxpayers – staying home longer saves more than \$6,200 per delivery.

But despite Harrison's findings, doctors still often hospitalize high-risk mothers, said Olson, who works at the PRC with Harrison.



Dr. David Olson assists summer student Hector Aguilar.

"Because we work within our own disciplines," Olson said, "we don't communicate very effectively with other disciplines. A lot of good practical research, like Harrison's, can get lost between the cracks."

As a nursing professor, Harrison didn't have access to the avenues she needed to communicate her research to the people that needed it – the doctors who were hospitalizing expectant mothers. As a nurse, she didn't go to their meetings, and she didn't publish in their journals.

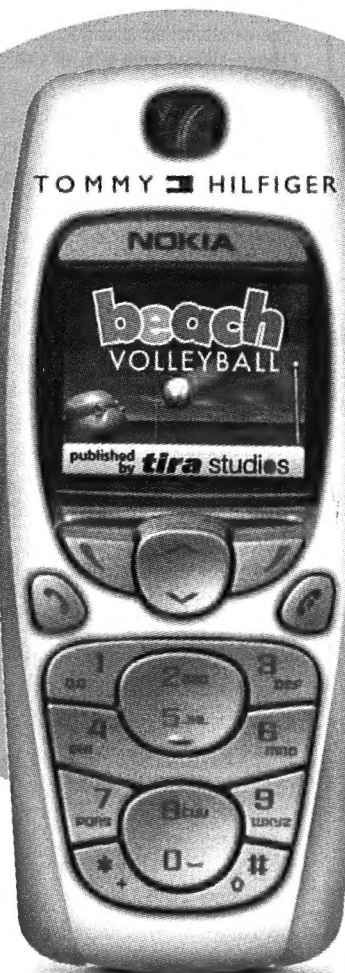
The new trainees in Olson's program, however, will be communications experts. "All of our training will become transdisciplinary, meaning, basically, that students and post-doctoral fellows will understand the other disciplines better than they ever have before," Olson said.

As for the other U of A grants, Fliegel will put his towards a training program in translational cancer research, and Vance will use his for a stroke, cardiovascular, obesity, lipid, and atherosclerosis research training program.

"As a university," Olson said of the U of A, "we have a number of stakeholders: the general public, professionals, the governments – we need to be able to communicate effectively with the world at large. This will help us do that." ■

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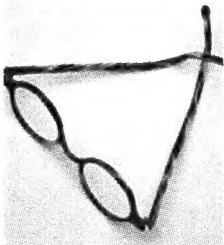
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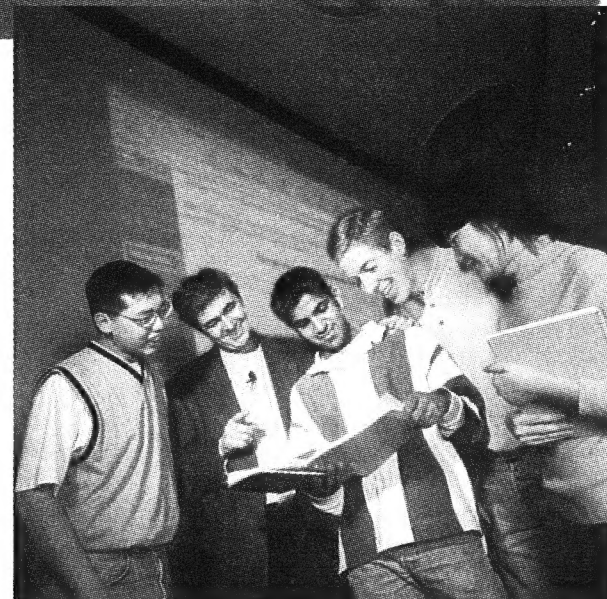
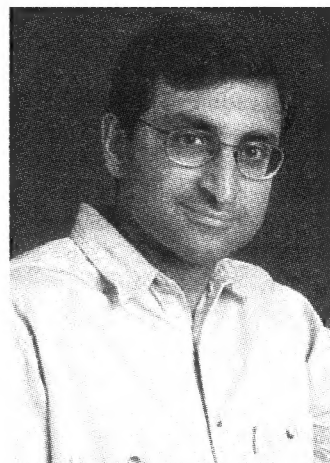
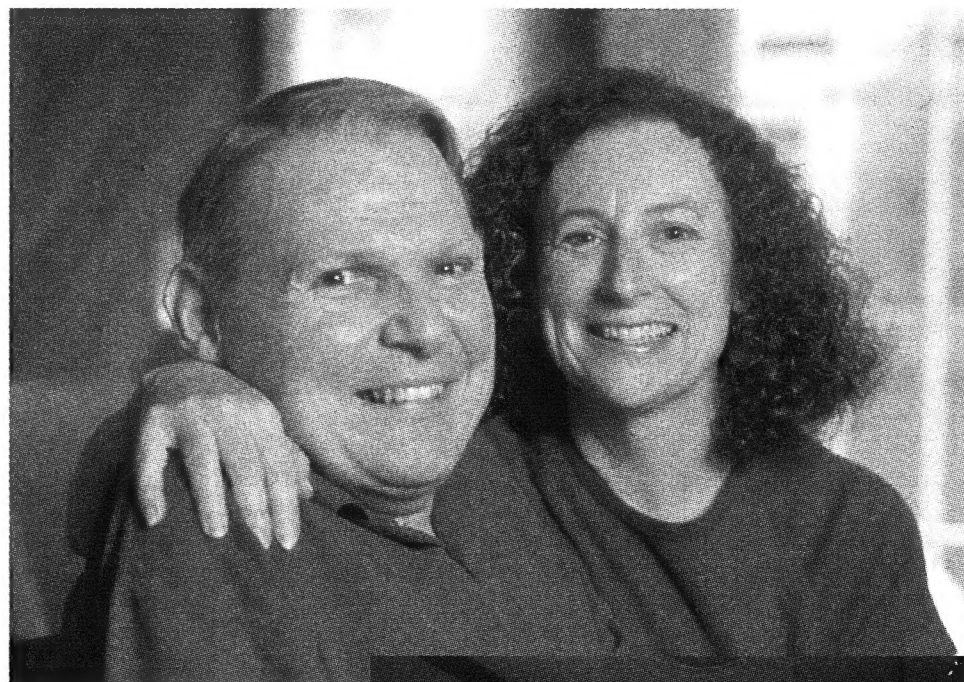
**CAMPUS FOOD BANK**

Thanks to the generous support of the U of A Students' Union and the Graduate Students' Association, 80% or more of monetary donations go to food relief.

# Vargo chair honours passionate teachers

Teaching and research efforts recognized

By Ryan Smith



A new U of A professorship, named after Dr. Jim Vargo (top, with wife Fran) has been established to recognize excellence in research. School of Business professor Dr. Ehan Erkut (above, left) and Dr. Tom Chacko (above, second from left) of Earth and Atmospheric Sciences, have been named the first recipients of the Vargo chairs.

A new professorship at the University of Alberta, the Vargo Distinguished Teaching Chair, honours U of A professors who combine excellence and a passion for teaching with an established record of substantive research.

U of A Vice-Provost Dr. Gretchen Hess made announced the establishment of the chair at the annual U of A Celebration of Teaching and Learning Sept. 3.

"This is Dr. Doug Owram's creation," Hess said, referring to the former U of A Provost and Vice-President (Academic) who retired from the position in June after nine years. "He wanted the U of A to have a high-status honour to recognize excellence in teaching in the same way Canada Research Chairs recognize excellence in research."

The chair is named after Dr. Jim Vargo, a U of A alumnus ('68 BA, '70 MEd, '72 PhD) and former professor in the Faculty of Rehabilitation Medicine. A much-loved and respected scholar, he taught for 23 years at the U of A before retiring in 1998. Vargo passed away in January.

Dr. Tom Chacko of the U of A Department of Earth and Atmospheric Sciences and professor Ehan Erkut of the U of A School of Business have been named recipients of the first Vargo chairs. The Vargo chair distinction, which is sponsored by the U of A Office of the Provost and Vice-President (Academic), includes a \$12,000 annual stipend for salary or research and \$15,000 to hire a graduate teaching assistant. It lasts for five years

and may be renewed once. Hess said more Vargo chair recipients will be announced in the next two years, after which there will likely be between four and six professors holding a Vargo chair at any one time.

Dr. Gregory Taylor, Dean of the U of A Faculty of Science, is pleased that Chacko was honoured. "We strive to be a leader in interdisciplinary science education," Taylor said. "And seeing Dr. Chacko receive this well-deserved Vargo Distinguished Teaching Chair acknowledges the significant contribution he has

made to the enrichment of learning for his students."

"Professor Erkut's defining characteristic is his absolute commitment to his students," said Dr. Michael Percy, dean of the U of A School of Business.

"I do not know the number of times students have stopped me in the halls or e-mailed me to express their wonder that professor Erkut had replied to an e-mail query at 3 a.m. or spent an hour talking with them about future careers."

"I truly can't think of any better way to signal to our stakeholders that the University of Alberta values its teachers and its students, than to give one of the inaugural Vargo chairs to professor Erkut," Percy added.

"Both of our inaugural Vargo chairs are top-notch scholars," Hess said. "Both of them could be Canada Research Chairs based on the quality of their research, but they combine their research skills with a true and deep passion for teaching, and that's why they are being honoured." ■

"This is Dr. Doug Owram's creation. He wanted the U of A to have a high-status honour to recognize excellence in teaching in the same way Canada Research Chairs recognize excellence in research."

— Dr. Gretchen Hess



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OCTOBER 4 - NOVEMBER 21

## A MESSAGE FROM PRESIDENT ROD FRASER

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In 2002 the University of Alberta United Way Campaign raised over \$431,000 for our community. This is a fantastic achievement and is proof that the University is a strong part of the Greater Edmonton community.

Your personal investment and the positive impact it has on our community is a source of great pride for all of us.

Once again this year, we ask your help and support for the United Way Campaign on Campus. Your help, in whatever measure is most welcome.

Together we can make a difference.

Sincerely,

Roderick D. Fraser, PhD  
President

# Task force proposes smoking ban

Senate-sponsored initiative to make U of A Canada's healthiest campus

By Stephen Osadetz



U of A Chancellor John Ferguson reveals details of the Senate Task Force on Wellness at a July press conference.

A total, campus-wide smoking ban is one of 22 recommendations that were put forward in a report released in July by the University of Alberta Senate Task Force on Wellness. The report is a preliminary step toward implementing the ban, which would prohibit smoking and the sale and use of all tobacco products on campus. The report challenges the U of A administrators to make its campus the healthiest in Canada.

Dr. Louis Francescutti, chair of the task force and professor of public health sciences at the U of A, says that the plan emphasizes preventative health by encouraging healthy eating, active living, broader immunizations, and more health education programs.

"A health care system, such as the one we have in Canada, creates a disincentive for people to become healthy. If you crash your car, don't worry about it – a helicopter will pick you up...If you smoke and get cancer, don't worry about it – we'll whack out your lungs and give you radiotherapy," he said.

"We've become addicted to treatment...we thrive on disease. This document says enough is enough," Francescutti added. "It lays out some recommendations that a university can actually follow step by step."

The task force will present their report at the Board of Governors meeting in September. If the board approves the report, the next step will be to set up a wellness office that will work to implement the proposals.

"We need to make the healthy choice the easy choice," Francescutti said.

To accomplish this, the task force's strategies include making healthy snack

and meal options more readily available, reviewing leases to attract businesses that offer healthier food, and starting a campus-wide immunization program. Also, the task force would like to see shower and workout facilities located in every building, so that people will find it easier to exercise at or on their way to work.

We've become  
addicted to treat-  
ment...we thrive  
on disease. This  
document says  
enough is  
enough

— Dr. Louis  
Francescutti

Canadian Minister of Health Anne McLellan attended the press conference that officially released the task force's report.

"While other universities are working in relation to healthy living on campus, I think it's remarkable that what we have

here is an integrated strategy...(The University of Alberta) is a huge community, and what you've got here is the equivalent of a mid-sized city that is making a commitment to an integrated, bold vision...of health promotion and wellness."

U of A Chancellor John Ferguson cautioned that the report still had hurdles to overcome before its proposals actually came into effect. For instance, the task force needs to get all the right campus groups to support its plan, including the Students' Union, the Graduate Students' Association, and the Academic Staff Association. Also, the Students' Union has a contract with the Coke corporation that may interfere with its ability to review its food-vendor leases.

Nonetheless, Francescutti said, "I now challenge the administration of the university to actually deliver on this."

If U of A administrators approve the proposed smoking ban, the U of A would become the second university in Canada to go entirely non-smoking. Dalhousie University became the first such university in May this year. ■

## notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail [pub.affairs@ualberta.ca](mailto:pub.affairs@ualberta.ca). Notices should be received by 3 p.m. one week prior to publication.

### EFF - UNIVERSITY TEACHING RESEARCH FUND — APPLICATION DEADLINE

The deadline for receipt of applications to the EFF - University Teaching Research Fund is October 15.

This fund was established to encourage and support research on teaching-learning. The primary purpose of this fund is to enhance the level and quality of teaching research and curricula development in

the university. Funding priorities include research projects that have the potential of contributing to the increased effectiveness of university teaching, learning, and curricula development.

Application forms are available from the Office of the Vice-Provost, 2-10 University Hall, phone: 2-1503; also on our website

<http://www.uofaweb.ualberta.ca/provost/AwardSFunding.cfm>



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**Sara Davison,**  
Faculty of Medicine  
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\*AHFMR administers the Health  
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UA means University of Alberta  
UC means University of Calgary  
UL means University of Lethbridge

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# talks & events

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.expressnews.ualberta.ca/ualberta/L2.cfm?c=10>**

**UNTIL SEP 13 2003**

**Department of Art and Design Remote Sensing:** Shawn Serfas. This exhibition is the final visual presentation for the degree of Master of Fine Arts in Painting. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m. and Saturday, 2 p.m. - 5 p.m. The Gallery is closed on Sunday, Monday and statutory holidays. Location: Fine Arts Building Gallery, room 1-1 Fine Arts Building, University of Alberta campus, 112 street and 89 avenue, Edmonton. Running September 2, 2003 to September 13.

**Department of Art and Design A Shimmering Second:** Noni Boyle. This exhibition is the final visual presentation for the degree of Master of Fine Arts in Drawing. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m. and Saturday, 2 p.m. - 5 p.m. The Gallery is closed on Sunday, Monday and statutory holidays. Location: Fine Arts Building Gallery, room 1-1 Fine Arts Building, University of Alberta campus, 112 street and 89 avenue, Edmonton. Running September 2, 2003 to September 13.

**UNTIL SEP 24 2003**

**Faculty of Extension JOININGS -** Exhibition of paintings by Professor Emeritus Douglas D. Barry and bronze sculptures and paintings by J.P. Nourry-Barry represents the joining of creative talents. Hours: 8:30 a.m. - 8:00 p.m., Monday to Friday, 9:00 a.m. - 12 noon, Saturday. Location: 2nd Floor, University Extension Centre, 8303 - 112 Street.

**UNTIL OCT 31 2003**

**Department of Human Ecology 1950s Retrospective Exhibit.** 1950s Retrospective is an exhibit created by students from Human Ecology and Art & Design. It includes clothing and household furnishings from the 1950s. Hours: Monday - Friday 8 - 8, Saturday 8 - 4, Sunday 12 - 4. No Admission. Location: Human Ecology Lobby Gallery, Human Ecology Building.

**SEP 12 2003**

**Department of Biological Sciences Frontiers in Biology Distinguished Lecture Series.** The Department of Biological Sciences is pleased to present Dr. Martin J. Cohn, Developmental Biologist, University of Florida, Gainesville as the 2003 Frontiers in Biology Distinguished Lecturer. Dr. Cohn presents "Fins, Limbs and Genitalia: from Evolutionary Origins to Congenital Malformation" at 3:30 p.m. Wine & Cheese Reception to follow. Location: ETL 1-003.

**John Dossetor Health Ethics Centre Health Ethics Seminars.** Jennifer Jackson, visiting scholar from School of Philosophy, University of Leed, presents: Is there a "right to die?" Time: 12:00 to 1:00 p.m. Location: 207 Heritage Medical Research Centre. Website: [www.ualberta.ca/bioethics](http://www.ualberta.ca/bioethics)

**SEP 14 2003**

**Fruit Growers Festival** Event sponsored by Devonian Botanic Garden. Do you have lots of apples this year or a blossoming orchard and want to either display your fruit or discuss apples and other fruit related topics? Join us for our Fruit Growers Festival. Regular admission rates apply. Contact Visitor Services for further information (780) 987-3054. This event will be held from 11:00 a.m. to 4:00 p.m. Location: 5 KM north of Devon on Hwy 60. Web site: [www.discoveredmonton.com/devonian](http://www.discoveredmonton.com/devonian)

**Third Annual Picnic in the Parkland** Parkland Institute hosts its third annual Picnic in the Parkland. Featuring: BOMBA QUARTET, LE FUZZ, DANY-LUK & CARD, GUY SMITH, CHICKADivas, JASMINE WHENHAM. 1:00 p.m. - 5:30 p.m. at the McFall Ranch on Hastings Lake 45 minutes east of Edmonton. Tickets \$50 Adult, \$10 Children 5-14 (lunch included). Buy six tickets (adult), get one free. Tix available from Parkland Institute 492-8558 or Tix on the Square 420-1757. (directions on website): <http://www.ualberta.ca/PARKLAND/programs/picnic.html>

**SEP 15 2003**

**University Teaching Services** Linking Teaching and Research in Courses, Departments, and Institutions: International Perspectives. Alan Jenkins, a professor of Higher Education in the Westminster Institute at Oxford Brooks University, will review the nexus between research and undergraduate teaching in all disciplines and discuss how research findings can be incorporated into teaching. The workshop will be of interest to department chairs, as well as instructors, researchers, and educational development staff. Time: 3:00 to 5:00 p.m. Location: CAB 243. Website: [www.ualberta.ca/~uts](http://www.ualberta.ca/~uts)

**Department of Public Health Sciences Environmental Health Sciences Seminar.** Dr. Yinsheng Wang, Department of Chemistry, University of California at Riverside, will present: "Hunting for Novel Oxidative Crosslink Lesions of DNA." 2:00 p.m.

Location: 10-120 Clinical Sciences Building.

**Department of Rural Economy Rural Economy Seminar.** Brian Hardaker, Professor Emeritus, University of New England, Australia, presents: "Accounting for Risk in Program Modelling." 2:00 p.m. Location: 550 General Services Building.

**Dept. of Mathematical and Statistical Sciences Department of Mathematical and Statistical Sciences PIMS Distinguished Visitor, Dr Bryan Grenfell, Department of Zoology, Cambridge University, presents "Waves, sparks and wavelets: measles in space and time." Time: 3:00 to 4:00 p.m. Location: Room 657, Central Academic Building. Website: [www.math.ualberta.ca/~mathbio/seminar/2003-2004\\_Seminars.html](http://www.math.ualberta.ca/~mathbio/seminar/2003-2004_Seminars.html)**

**SEP 16 2003**

**Department of Educational Policy Studies "Panel Presentation - Teachers' Work in Changing Times."** Dr. John Smyth, distinguished visiting scholar from Flinders University in Australia leads a panel examining the changing nature of teachers' work in the current era of accountability. Other panelists: Dr. Larry Beauchamp, U of A, Mr. Frank Brueseker, Alberta Teachers' Association, and Mr. Hal Kluzny, Council of Alberta School Superintendents. Wine and cheese will follow. Location: ATA Barnett House, 11010-142 St. (7:30-9:00 p.m.)

**Dept of Agricultural, Food and Nutritional Science Seminar: Macronutrients and short-term appetite control.** Visiting speaker seminar by Dr. Harvey Anderson of the University of Toronto. Location: Classroom F (2J4.02) WMC. Time: 11:00 a.m. to 12:00 p.m.

**Research Services Office** How to Prepare an NSERC Application and Other General Grant Information. Time: 9:00 - 11:00 a.m. This workshop is open to all disciplines. To register, please visit the event website. For other information or if you need to cancel, please call: Nikki Van Dusen, Communications Co-ordinator, Research Services Office 492-0231 or [info@rso.ualberta.ca](mailto:info@rso.ualberta.ca). Other detailed workshops on the same day for faculty will be held in these departments: Math & Statistical Sciences (11:00 a.m.) Electrical & Computer Engineering (11:00 a.m.) Chemistry (1:00 p.m.) Physics (1:00 p.m.) Earth & Atmospheric Sciences (2:00 p.m.) If you are interested in attending any of these sessions and if you are a member of the department, contact Nikki Van Dusen. Location: Council Chambers, 2nd floor, University Hall. Website: <http://www.rso.ualberta.ca/RegistrationForms/NSERC16092003.html>

**SEP 17 2003**

**Department of Music Lecture/Discussion (Composer Forum)** with Guest Composer Eldritch Priest. Studio 27, Fine Arts Building. Free admission. 4:00 p.m.

**Biological Sciences Department of Biological Sciences Biology 642 Physiology & Cell and Developmental Biology Seminar Series.** Martin Tresguerres (Ph.D. Candidate, Bio Sci, U of A) presents a seminar on "Ion transport in a semi-terrestrial crab: mechanisms and regulation" at 12:00 noon in Room G-110, Biological Sciences Building. Website: <http://www.biology.ualberta.ca/courses/biol642/>

**Department of Biomedical Engineering BME600 Seminar.** "Iron in the Brain: Measurement by Magnetic Resonance" presented by Dr. Myrlene Gee, NSERC Post-doc Fellow, Dept of Biomedical Engineering. 5:30 p.m. For details please visit our website. Location: CEB 231. Website: [www.bme.med.ualberta.ca](http://www.bme.med.ualberta.ca)

**Department of Public Health Sciences PHS Colloquium & Grand Rounds.** Dr. Steve E Hruidey, Professor, Environmental Health Sciences, presents: "Preventing Drinking Water Transmission of Infectious Disease Outbreaks." Location: Room 2-117, Clinical Sciences Building. 12:00 Noon to 12:50 p.m. Website: [www.phs.ualberta.ca](http://www.phs.ualberta.ca)

**Dept of Sociology** Dr. Peter Fitzpatrick, Anniversary Professor of Law, School of Law, University of London (U.K.), presents: "Gods would be needed ...": American Empire and the Rule of Law. From 4:00 to 6:00 p.m. Please join us following for a reception in the Pappaschase Rm, Faculty Club, 5:00 - 9:00 p.m. Location: Humanities Lecture Theatre 1.

**International Institute for Qualitative Methodology Research Methodology Series.** "The Hidden Qualitativeness of Quantitative Research." Dr. Todd Rogers, Department of Educational Psychology, Faculty of Education, University of Alberta. Time: 12 Noon - 1:00 p.m. Bring your Lunch! Location: 6-10 University Extension Centre, 8303 - 112 Street. Website: <http://www.ualberta.ca/~iiqm/>

**SEP 18 2003**

**Department of Rural Economy Mark Morrison, Senior Lecturer, School of Marketing and Management, Charles Sturt University, Australia.**



# positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons. With regard to teaching positions: All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. For complete U of A job listings visit [www.hrs.ualberta.ca](http://www.hrs.ualberta.ca)

## COMMUNITY LIAISON CO-ORDINATOR SCHOOL OF NATIVE STUDIES

The University of Alberta School of Native Studies is seeking an individual to serve in the capacity of Community Liaison Co-ordinator. This is a full-time two-year term position with the possibility of extension.

This position reflects the School's long-standing orientation to Aboriginal communities and the University of Alberta's objective to "connect to the community".

A primary task will be to develop and conduct a new three-credit course (NS 450: Practicum in Native Studies) that will provide Native Studies students with a practicum experience through placements in Aboriginal organizations and agencies. The community liaison co-ordinator will be responsible for establishing a network of co-operating organizations.

Another duty will be to develop and offer a second course, Contemporary Community Forum (three credit units), in which Aboriginal community leaders will be invited to the University to speak on current issues facing Aboriginal communities.

Along with instruction, the Community Liaison Co-ordinator will encourage the development of mutually beneficial research partnerships with Aboriginal communities and agencies. The co-ordinator will also contribute to the achievement of the School's fund development objectives.

Qualifications: The candidate must have a graduate degree in the social sciences, (equivalent experience will be considered), and preferably an undergraduate degree in Native Studies. Strong interpersonal, communication, organizational and computing skills are necessary. Experience with Aboriginal communities or agencies is required. University teaching experience and Aboriginal language fluency are assets. Knowledge of University of Alberta procedures is an advantage.

Interested applicants should apply to the Director, School of Native Studies, 5-182 Education Centre North, Edmonton, AB, T6G 2G5 by September 30, 2003.

## FACULTY POSITION, UNIVERSITY OF ALBERTA AND CALGARY HEALTH REGION, FACULTY OF REHABILITATION MEDICINE

The University of Alberta, Faculty of Rehabilitation Medicine (FRM) and the Calgary Health Region (CHR), Alberta Children's Hospital and Adolescent and Women's Health Portfolio are seeking an individual with recognized expertise in pediatric rehabilitation to develop joint programs in education and research. Responsibilities include facilitation of research linkages and student pediatric clinical placements, co-supervision of student research projects, mentoring of clinicians in research and thesis committees. A master's degree in a rehabilitation discipline is required; a PhD is preferred. This is a three-year renewable term appointment with a minimum of .75 FTE (full-time preferred).

Rank and salary will be commensurate with qualifications. The position is available July 1, 2004. Applications will be accepted until the position is filled. To apply, fax, mail or e-mail your letter of introduction, curriculum vitae and names of three references to:

Dr. Albert M. Cook, Dean  
Faculty of Rehabilitation Medicine  
University of Alberta  
3-48 Corbett Hall  
Edmonton, Alberta T6G 2G4  
Telephone - 780-492-5991  
Fax - 780-492-1626  
e-mail - [al.cook@ualberta.ca](mailto:al.cook@ualberta.ca)  
website - [www.uofaweb.ualberta.ca/rehabmed](http://www.uofaweb.ualberta.ca/rehabmed)

## SENIOR BUSINESS MANAGER, BUSINESS & SYSTEMS SUPPORT

The University of Alberta is seeking a senior Business Manager to lead the strategic financial, administrative and information management planning for the Office of the Vice-President (Facilities & Operations). Facilities & Operations has a \$28-million operating budget and is responsible for the planning, development and operation of the University of

Alberta's physical assets as well as other key services.

Reporting to the VP (Facilities & Operations), the director will be the 'key driver' in the implementation of a new model of delivering key services. The manager will develop and implement processes for integrating shared services including: finance - information technology; human resources - land and capital projects information and support services. This client-driven unit mainly supports the needs of Capital Planning, Construction, Utilities and Maintenance in addition to handling the budget planning for the overall portfolio.

Responsibilities include:

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The successful applicant will possess: A senior level CMA or CA designation with demonstrated experience in a cost-accounting, demonstrated leadership of process change, extensive experience with GAAP with an in-depth understanding of internal control

systems and their applications, audit experience and an understanding of internal and external audit requirements and roles, an understanding of managing within a client service environment, extensive experience in budget planning and financial reporting, particularly as it relates to an operational unit in a public sector setting, an in-depth understanding of PeopleSoft Applications and data management, and experience in the development, implementation and evaluation of strategic and operational plans.

The ideal candidate will possess outstanding communication skills; an ability to communicate effectively and to initiate effect and manage change outside of direct reporting relationships.

The salary for the continuing Administrative/Professional Officer position is \$54,406-\$84,657. Please submit your résumé in confidence, including a statement of qualities and strengths you will bring to the position, and the names of three references by September 17, 2003 to:

Ms Mary Paul  
Office of the Vice-President (Facilities & Operations)  
University of Alberta  
1-3 University Hall  
Edmonton, Alberta T6G 2J9  
Phone: (780) 492-6171 Fax: (780) 492-1439  
E-mail: [mary.paul@ualberta.ca](mailto:mary.paul@ualberta.ca)

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BLUE QUILL, furnished two bedroom plus den.

# Reunion 2003

EVERGREEN & GOLD - OCTOBER 2 TO 5

All alumni, faculty, and staff are invited to join in the University of Alberta's annual reunion event. For more information or to register go to our website at [www.ualberta.ca/alumni/reunion](http://www.ualberta.ca/alumni/reunion) or call the Office of Alumni Affairs at (780) 492-3224 to have a brochure and registration form sent to you.

## EVENTS

### Thursday, October 2

#### Alumni Pride Awards Ceremony & Reception

Time: Ceremony: 5:15 - 6:30 p.m.  
Reception: 6:30 - 7:30 p.m.

Place: Myer Horowitz Theatre,  
Students' Union Building

Cost: Free

Join us at a gala ceremony as awards are conferred on distinguished alumni who have brought honour to themselves and their alma mater in a multitude of ways. Thirty-five individuals will receive awards in four categories, recognizing their unique achievements and outstanding contributions to their professions, their communities and to society-at-large.

Following the ceremony, meet the recipients at a complimentary reception. A complete list of this year's award recipients can be found at [www.ualberta.ca/alumni/recognition](http://www.ualberta.ca/alumni/recognition).

### Friday, October 3

#### Welcome Back BBQ

Time: 5:30 - 9 p.m. (food service until 8 p.m.)

Place: Tent in Quad

Cost: \$10 per person (adults); \$6 per person (children 12 and under)

Bring your family to this relaxed evening involving reminiscing with friends while enjoying a BBQ burger. No formal program is planned for this evening as it is designed to allow friends to "catch up" with each other. Show off your alma mater to your family members (especially prospective U of A students) at this non-licensed event. Entertainment will be provided for children 12 and under.

#### Party at the Plant

Time: 8 p.m. - 1 a.m.

Place: Powerplant Restaurant and Bar

Cost: \$5 per person (no minors)

Come back and visit the Powerplant Restaurant and Bar to dance the night away to songs from the 80's and 90's while you and your friends re-live some campus memories. If you're not interested in dancing you can visit the games room that features pool tables and a variety of arcade games.

### Saturday, October 4

#### Campus Tours

Time: 12:30 - 2:30 p.m.

Place: Meet in lobby, TELUS Centre

Cost: Free

If it has been a while since you've been back to campus, you may notice things have changed. Take advantage of these free walking

and bus tours to re-familiarize yourself with campus. Tours will leave on the hour and the half-hour.

#### Faculty Open Houses

Time: 10 a.m. - noon

Place: Campus-wide

Faculties across campus are opening their doors to welcome you back during Reunion 2003. Check [www.ualberta.ca/alumni/reunion](http://www.ualberta.ca/alumni/reunion) for more details.

#### Empey Lecture

Time: 12:30 - 2 p.m.

Place: TELUS Centre

Cost: Free

Come join us for this inspiring and informative talk on the links between active living, healthy eating, and well-being. Our speakers, Dr. James Hill and Dr. Diane Finegood, will discuss their current research in the areas of diabetes and obesity, simple ways of monitoring walking activity, and motivating walking and active living. Our speakers have both been instrumental in motivating people to get "on the move" with amazing results. Dr. Hill is the developer of the successful America on the Move program and Dr. Finegood is currently making Canada on the Move a reality.

#### Gala Dinner & Dance

Time: Cocktails: 6 p.m. / Dinner: 7 p.m.

(Dance to follow)

Place: Shaw Conference Centre

Cost: \$65 per person

Put on the ritz and celebrate your reunion in style at the most glamorous Reunion 2003 event. Enjoy the camaraderie and nostalgia of this special evening celebration with your classmates. After dinner, dance to the sounds of a live band or continue to reminisce with your friends while enjoying an after-dinner liqueur or specialty coffee.

### Sunday, October 5

#### President's Breakfast

Time: 9:30 - 11:30 a.m.

Place: Crowne Plaza Chateau Lacombe

Cost: Free

Grads from the years of 1953, 1948, 1943, 1938, 1933 and prior years are invited to join their classmates for breakfast as the special guests of University President Roderick D. Fraser and Judith Fraser.

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**GRANDIN GATES**, Oliver, near LRT station. Two bedrooms, two bathrooms, hardwood floors, fully upgraded. Very high style. \$1,400/month. October 1, 2003. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

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**HYDE PARK**, huge two bedroom, two bath with exceptionally large kitchen, sunroom on the east side of living room. \$1,500/month. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

**VICTORIA PLAZA**, spectacular two bedroom with river valley view. Over 1,400 sq ft. Huge master bedroom. \$1,600/month. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

**THE SASKATCHEWAN**, view of river valley, two bedrooms, two bathrooms. \$1,175/month. Immediate. Call Michael Jenner, Gordon W.R. King and Associates Real Estate, 441-6441.

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**EDINBURGH STUDIO APARTMENT** - five flights up. Beautiful views. Close to buses and trains. Two bedrooms. Available September 1, 2003 until August 6, 2004, with possible extension. (780) 434-7338.

**BEAUTIFUL BELGRAVIA BUNGALOW**. South back yard. September 1. \$1,650/month. 436-6553.

**WESTMOUNT HIGH PARK** - furnished house, three bedrooms, hardwood, double garage. Close to schools, 10 minutes to U of A. \$950.00/month + utilities. 435-9182.

**LOCATION! LOCATION!** Executive two bedroom plus den condo, overlooking large enclosed professionally landscaped private yard. Renovated: hardwood, slate, electrical, paint. Walk-in closet, fireplace plus two heated underground parking stalls. Five minutes walk from hospital/campus. Available September 12. \$1,300 including utilities. 990-2827, 481-2827.

**EAST CRESTWOOD** - 1,800 sq ft executive bungalow, one plus two bedrooms. Fully furnished. \$900.00/month, +DD + utilities. No smoking, no pets. November 1 - April 30. 452-6509, e-mail: bjsmy@shaw.ca

**PRIME AREA:** South Central, immediate short-term, beautifully furnished one bedroom suite. No smokers, pets. After 7:00 p.m. 462-9325.

**MATURE M/F WANTED TO SHARE** spacious character house in thriving downtown neighbourhood. All appliances. Excellent LRT/bus to university. Great for visiting prof, sessional, grad student, etc. \$350 including utilities. Call Garry at 429-6386.

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**NEW CONDO**, 11109 - 84 Avenue. Two bedrooms, two baths, fireplace, five appliances, parking, water, \$1,000/month. Energy excluded. Please telephone 434-0118.

**CHARMING TWO BEDROOM PARKALLEN** bungalow. Walk to U of A. Private garden, mature trees. Garage. Hardwood floors. Non-smokers. \$850/month. 434-6320.

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month plus utilities and D.D. 945-1736.

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**GORGEOUS SASKATCHEWAN DRIVE** loft-style condo available for lease, 1,900 sq ft, three bedrooms, two full baths. Spectacular river valley view. Immediate occupancy. For more info, please contact Judy Bishop, Royal LePage, 431-5600.

**BRAND NEW FURNISHED** one bedroom and den condo, downtown, 876 square feet, full appliances (including washer/dryer), gym, heated parkade. Walking distance from U of A, LRT and river valley. \$1,200 plus utilities. \$600 deposit. Non-smoker. No pets. Call Kerri, 441-6701, extension 3117.

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#### ACCOMMODATIONS FOR SALE

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**U OF A/BELGRAVIA** - Exceptional two storey home, just one year old. Elegant and efficient floor plan. Four bedrooms, 3.5 bathrooms, den, loft area, deck, double car garage. Finished basement with large studio. 11438 - 77 Avenue, \$434,900. 437-1444.

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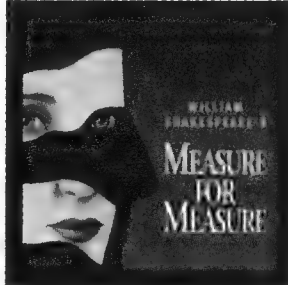
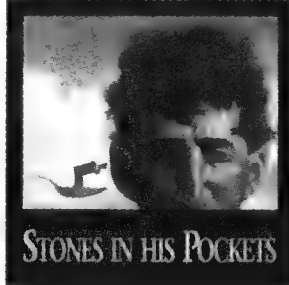
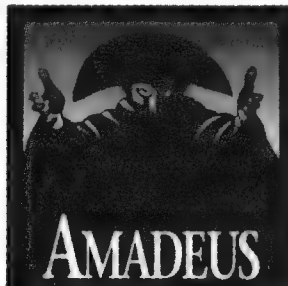
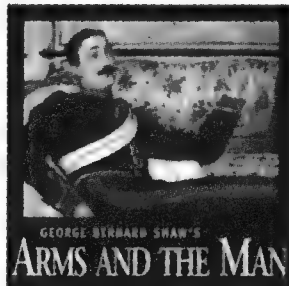
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# HOME

## Away From Home

*New residence houses 400 students; conference centre's open for business*

By Richard Cairney

**C**lint Galloway comes from Altario, Alberta, population 25. So when he arrived on the University of Alberta campus for the first time, he was a little overwhelmed.

"There were more people living on one floor in the residence I was in than there were in the town I came from," said Galloway, who graduated with an education degree in 2000 and now works for the U of A as residence co-ordinator of the new, \$22-million Schäffer Hall Residence, which recently welcomed its first 416 student residents. To help those residents get by, Galloway and his 11 residence assistants held a meeting for the students, offering advice about fitting into a campus populated by more than 30,000 students and more than 8,000 teaching, research, and support staff.

Galloway may be best suited for the job because he knows how students feel when they move onto a big campus in a big city for the first time.

"I was just overwhelmed," said Dawn Jorawsky, a second-year Arts student living in Schäffer Hall who made the move from the town of Longview, Alberta, last fall. "I didn't know anything."

This year, to avoid the traditional moving in line-ups, Jorawsky moved into residence early and then volunteered to help new residents check in.

Schäffer Hall, which provides students rooms with in-suite bathrooms as opposed to shared facilities on the floor, has earned Jorawsky's approval.

"It's a little small," she said. "But it's a nice step up before you decide to move to a house or an apartment."

She'd advise new students living in residence to be patient. Things seem difficult at first but get better.

"I didn't even want to live in residence before I started my first year," she said.

"But I was a lot happier because you meet a lot more people in residence than you would just being out on campus."

Galloway, says living in residence "is one big class," and that students learn a lot even outside of classes.

"I tell people that I am teaching every day. I apply behaviour management and class planning all the time. People may not realize it, but I'm teaching them all the time, whether it's teaching that it's OK to be homesick or teaching them where to find resources."

The opening of the new Schäffer Hall elevates the Lister residence area to the largest single student housing complex in Canada, with 1,809 student spaces. In all, the U of A offers 4,000 student spaces, with more on the way to meet the high demand. This fall construction will begin on a new, \$10-million complex in the East Campus Village, which will house 157 students – most of them international.

The site also boasts a new hotel and conference centre that will host visiting academics, students, or associations.

The U of A Conference Centre, operated by U of A Conference Services, helps faculty and staff members host conference events on campus, and the new facilities offer access to all 20 of its hotel-style suites, plus access to approximately 1,400 student housing rooms at the Lister Centre complex in the summer.

In all, the new conference centre boasts 8,000 square feet of new meeting space in addition to existing banquet and meeting rooms. A new plenary room seats up to 320 in a theatre-style setting, with natural light streaming in through floor-to-ceiling windows facing north.

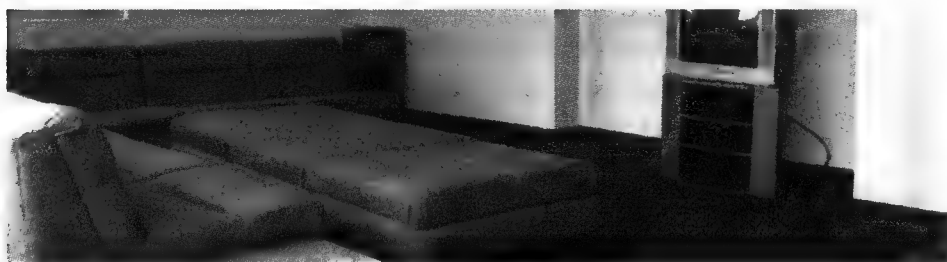
The U of A Conference Centre will be hosting an open house Sept. 18, from 2 to 6:30 p.m., to showcase the new facilities. Anyone interested in attending should RSVP to [OpenHouse@hfs.ualberta.ca](mailto:OpenHouse@hfs.ualberta.ca). ■



The new, \$22-million Schäffer Hall Residence provides housing for 416 students. The addition of the building makes the Lister Complex makes Canada's largest student housing complex.



The David Tuckey Gym provides students with their own in-house gymnasium. Campus Rec programs will be offered at the site.



A lounge area gives students a common area to meet one another in.



Brandi Rawson settles in to the new residence. Each of the rooms has its own bathroom, a change from other Lister Complex buildings.

folio

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page

Photos: Chul-Ann Jeong



*Wednesday,  
September 24*

10 am - 4 pm  
University of Alberta  
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An effective way to network and to increase your job search success is to attend Careers Day 2003, an on-campus event bringing together students and employers. Careers Day gathers over 130 organizations that have made the effort to attend for one simple reason. They want to meet with University of Alberta students and alumni – or in other words – you! The benefit that you receive from your attendance at Careers Day does not depend on what year you are in, what program you in, or what your current GPA is and may not be immediately evident. It depends on your attitude and preparation.

Are you unsure of what a career fair is all about, of how to prepare, how to dress and what types of questions to ask? In that case or even if you are a seasoned career fair attendee you may want to attend the CaPS brown bag seminar on Making Career Fairs Work for You. Scheduled on Thursday, September 18 from 12:35 to 1:20 and again on Friday, November 7 from 12:05 to 12:50 in the CaPS Resource Centre, 2-100 SUB this free seminar can help. You will learn valuable tips from an expert on how to prepare for and present yourself to potential employers including tips on effective networking.

Take time to visit the CaPS website at [www.ualberta.ca/caps](http://www.ualberta.ca/caps). There you will find an up to date list of exhibitors. If you see a company or two that are of particular interest to you, do some research. At Careers Day organization recruiters are willing to share information on career opportunities, but they are impressed if you can demonstrate some prior knowledge. It shows initiative and interest.

After having chosen the authorities/organizations you think are relevant to you, widen your vision and remember that opportunities are lost through making assumptions. By taking the time to approach the majority of the exhibitors you will only gain in increased knowledge as well as practice in presenting yourself. You may also discover opportunities in the least likely of places.

Prepare and practice a brief introduction – your name, your area of study, and interests – ask a question about existing opportunities with the organization. Words of caution: do not treat this time as an interview, rather treat it as an opportunity to make a positive first impression and gain the chance to follow-up. If you are given a recruiter's business card, take the time to follow-up with a short note and an up-to-date resume.

Speaking of resumes, if you are asked for yours, don't be shy about asking what the next step is. Most recruiters will give you a clear idea of what will happen next. I offer some words of advice about your resume. Before loading up your backpack with resumes, make an appointment at CaPS for an individual resume consultation. Make sure that the resume you hand out at Careers Day is your best. Good luck in your job search and career planning. See you on Wednesday, September 24, 2003!

## New on the menu of brown bag lunch seminars

In Fall 2002, CaPS began offering free, 45-minute brown bag lunch seminars on a variety of career and employment-related topics. The response from students was so positive that we are expanding our menu of topics. Following are new seminars that we will be offering during the 2003-2004 academic year:

Applying for Work Abroad

Becoming a Lawyer: First Steps

Can I take a test to tell me what to do with the rest of my life?

Get it together: Building a foundation for a successful work search

Looking for Work on Campus

Making Career Fairs Work for You!

Self-Employment: Putting Your Entrepreneurial Spirit to Work

Working in Canada's North

Working in the U.S.

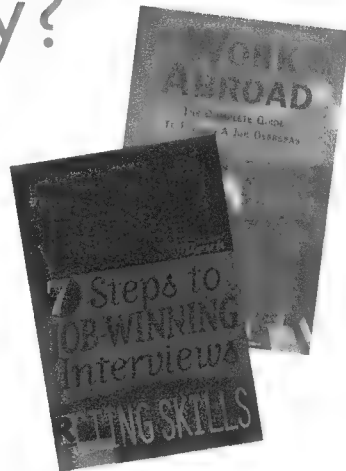
Working with Recruitment Firms

You can find more information on these and many of the other seminars we offer on our web site. We are always open to ideas for additional seminars, so if you have any suggestions, please contact Joan Schiebelbein, Manager, Advising Services at [joan.schiebelbein@ualberta.ca](mailto:joan.schiebelbein@ualberta.ca).

# Checked out the **CaPS Resource Centre** lately?

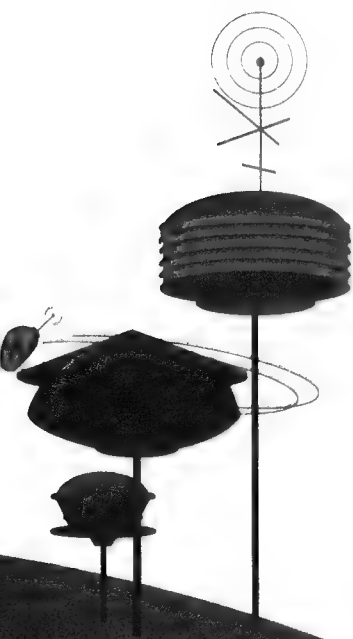
Career Peer Educators – trained to assist you with your career planning - are available at the Information Desk in the CaPS Resource Centre. You'll find job postings, bulletins and directories to help you out in your work search. You can access the Internet (and the CaPS online job postings) free of charge from one of the computer stations. The shelving units are stacked with books, publications, videos, CD-ROMS and more on a wide variety of career related topics. You're free to pick up any of our handouts and Tip Sheets (which can also be downloaded from the CaPS web site). The back wall boards contain information about employment and networking opportunities, other special events and, better yet, are faculty specific. If you would like to know what services are available to students and alumni of your faculty, a CaPS career services brochure will provide you with an overview.

As you can see, there's a lot to discover at the CaPS Resource Centre located at 2-100 SUB. We're open for business 8:30 a.m. – 4:30 p.m., Monday to Friday, from September to April (hours change slightly during the summer months). Visit us today!



## *Did you know...*

- ... that the CaPS Resource Centre receives 75,000 visits a year?
- ... that the CaPS website receives 1,000 visits a day? That's about 30,000 students a month!
- ... that CaPS held 82 workshops attended by over 1,000 students last year?
- ... that over 2,500 students are interviewed at CaPS each year?



Join a

**CaPS**

**LIST SERVE**

By joining a CaPS list serve you will have access to information about our employment and career advising services designed specifically for students & alumni from your particular faculty.

When you log on to our website at [www.ualberta.ca/caps](http://www.ualberta.ca/caps), choose the Students/Alumni button from our navigation bar. On this main page there's a 'Feature Information' section that contains links to the user list serve page where you can sign up (you'll be asked to provide your email address and pick a password).

Note the following list serve descriptions:

<b>Careers-arts</b>	(Students in Arts)
<b>Careers-ag-for-h</b>	(Students in Agriculture, Forestry & Home Economics)
<b>Careers-bus</b>	(Students in Business)
<b>Careers-ed</b>	(Students in Education)
<b>Careers-eng</b>	(Students in Engineering)
<b>Careers-grad</b>	(Graduate Students)
<b>Careers-healthsci</b>	(Students in Health Sciences)
<b>Careers-pe-rec</b>	(Students in Physical Education & Recreation)
<b>Careers-pharm</b>	(Students in Pharmacy)
<b>Careers-sci</b>	(Students in Science)

The list serves will be used only by CaPS to send out notices in regards to CaPS services (i.e. this is not a discussion forum). Subscribers will receive no more than eight messages per month.

# Enterprise Rent-A-Car

## Entry-Level Management Trainee

Enterprise Rent-A-Car is a \$6.5 Billion company recognized as the 14th best company to work for in Canada reported in the Globe and Mail Report on Business. We're currently seeking ambitious Management Trainees to share in our success; people who are high-energy and entrepreneurial - individuals who are searching for a career, not a job.

Okay, so you've never dreamed of working at Enterprise. But we can make your dreams a reality. As a Management Trainee you'll learn to run a profit center, manage people and grow your own fast paced business. Our intense training program offers hands on experience in customer service, sales, marketing, accounting and personnel management. Your initiative and ability to effectively deal with customers, coupled with your ability to think on your feet and market effectively, dictate how fast and how far you will advance.

We are committed to promoting strictly from within; promotion occurs regularly and frequently and is based on your performance. We offer a fun, fast paced team oriented workplace. The fact that employees are compensated for their performance, not their seniority, really sets everyone in motion.

The truth is, Enterprise puts the power to make decisions about your work and your career advancement precisely where it belongs - in your hands. Add to all of this the fact that we are constantly expanding across North America and Europe, we offer a career path that leads from Management Trainee to Senior Management, and offer many other career avenues that include HR, Corporate Accounts, Remarketing and much more. The result?? Career growth potential that is limitless.

So think about it. If you're ready to make a serious commitment in a career that offers you opportunity, growth, financial gain and performance based promotions than Enterprise rent-a-car is the company to join. All you have to do is seize the opportunity and act now. It's your personal enterprise and it starts today.

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Apply on line, email your resume to [sheena.heller@erac.com](mailto:sheena.heller@erac.com) or fax your resume to 403-216-3498



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The Municipal Internship Program provides recent graduates with an opportunity to work in the field of local government in Alberta.

For more information: <http://www.gov.ab.ca/ma/ms/internship>



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We want graduates in commerce, administration, information technology and agriculture who combine their degrees with a real passion for agriculture. We want you! And we've got lots to offer, too.

FCC's philosophy of enhancing and furthering our employees' careers is based on this premise:

Challenged, enthusiastic, well-rewarded employees do better work. At FCC, you'll be encouraged to learn and grow, advance and thrive. And we'll provide plenty of opportunities to help you do that, from self-assessment tools, to on-the-job training, to great compensation. We believe potential should be recognized and realized, and we'll work with you to reach new heights. Your success is our success!

If the business of agriculture appeals to you, send your resumé, salary expectations and file number (555A-03/04) by April 2, 2004 to:

Human Resources / Farm Credit Canada  
1800 Hamilton Street, P.O. Box 4320  
Regina, SK S4P 4L3  
Fax: (306) 780-5508  
E-mail: [hr-rh@fcc-fac.ca](mailto:hr-rh@fcc-fac.ca)  
[www.fcc-fac.ca](http://www.fcc-fac.ca)

*Only those selected for an interview will be contacted. No agencies please. We are committed to employment equity. If you are a member of a designated group, please consider letting us know.*



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Agriculture. It's all we do.

Canada

# Vous avez du potentiel

## Venez le cultiver à FAC!

Nous sommes à la recherche de diplômés en commerce, en administration, en technologie de l'information et en agriculture qui savent allier leurs connaissances à leur passion pour l'agriculture! C'est vous que nous cherchons et nous avons beaucoup à vous offrir.

La culture de FAC qui vise à améliorer et faire avancer la carrière de son personnel est basée sur l'idéologie suivante :

Un employé enthousiaste, motivé et bien récompensé travaille mieux. À FAC, nous favoriserons votre apprentissage et votre croissance afin de vous permettre de progresser et de vous épanouir. Nous avons tout ce qu'il faut pour vous permettre de le faire : d'excellents outils d'autoévaluation, de la formation sur le tas et une excellente rémunération. Nous croyons à la reconnaissance du potentiel des gens et à sa réalisation et nous travaillerons avec vous afin de vous permettre d'atteindre de nouveaux sommets. Notre réussite dépend de la vôtre!

Si les affaires agricoles vous intéressent, faites-nous parvenir votre curriculum vitae et vos attentes salariales et le numéro du dossier (no 555A-03/04) d'ici le 2 avril 2004 à :

Ressources humaines / Financement agricole Canada  
1800, rue Hamilton, C.P. 4320, Regina (Saskatchewan)  
S4P 4L3  
Télécopieur : (306) 780-5508  
Courriel : [hr-rh@fac-fcc.ca](mailto:hr-rh@fac-fcc.ca)  
[www.fac-fcc.ca](http://www.fac-fcc.ca)

*Nous communiquerons uniquement avec les personnes qui seront convoquées à une entrevue. Les agences sont priées de s'abstenir. Nous souscrivons aux principes de l'équité en matière d'emploi. Si vous faites partie d'un groupe désigné, nous vous encourageons à nous le faire savoir.*



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The advantages of working for a successful company like Talisman are only realized by employees if the company shares the rewards of its success. We offer a comprehensive total rewards package which is closely aligned with corporate and individual goals and allows employees to benefit from the short- and long-term success of the company. Other positive differences that make Talisman a unique employer of choice are:

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- Technical training and personal development are strongly encouraged, and educational assistance is readily available as employees broaden their skills and work towards their career objectives.

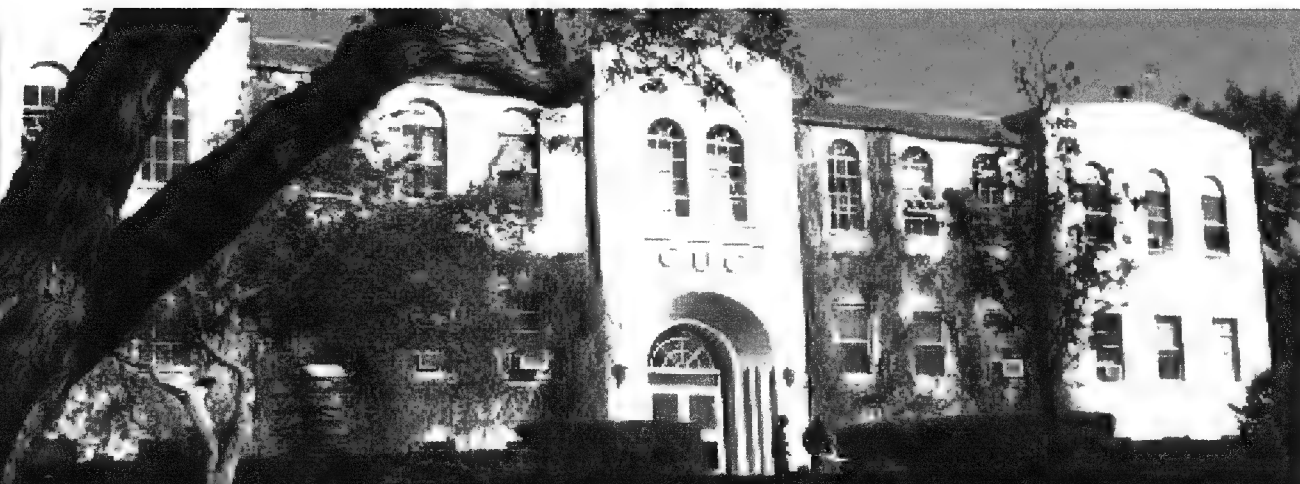
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The following divisions operate under the Baker Hughes Canada Company umbrella: Hughes Christensen provides drill bit technologies and drilling optimization services to the petroleum industry.

**Baker Hughes Inteq** offers directional drilling, measurement-while-drilling, drilling fluids, and well-site information management expertise.

**Baker Atlas** provides downhole petrophysical and geophysical data acquisition, processing and analysis services, including open hole and cased hole logging, perforating, and pipe recovery.

**Baker Oil Tools** provides completion, workover, and fishing technologies and services.

**Centrilift** specializes in electric submersible pump systems and downhole oil/water separation technology.

**Baker Petrolite** specializes in chemical programs for petroleum production, transportation, and refining.

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**TEAMWORK** – we believe teamwork leverages our individual strengths, and results in improved creativity and issue resolution.

**PERFORMANCE** – we believe that performance excellence will drive the results that differentiate us from our competitors.

**LEARNING** – we believe that a learning environment is the way to achieve the full potential of each individual and to create a stronger human capital within our organization.

Graduate students from Engineering, Petroleum Technologies, Electronics disciplines may be interested in exploring a career with Baker Hughes. If your values match our own, you are invited to visit our website at [www.bakerhughes.com](http://www.bakerhughes.com) to learn more about us.



# Key to Mastering the Interview

The purpose of the interview from the employer's perspective is to determine if you have the skills and qualities required to do the work for which you are being interviewed. The employer is also assessing how well you will "fit" within the organization. What values and interests do you have in common with the hiring organization? How will what you have to offer complement and add to the team with which you will be working?

It is up to you to ensure that the interviewer gains a good understanding of your skills, qualities, values and interests. When responding to interview questions, then, you should not only list what you have in common with the work and organization, but you should also provide specific examples from your background – paid work, academic, volunteer and extra-curricular – that describes how you developed your skills, values, and so forth.

For assistance in honing your interview skills, come to CaPS (2-100 SUB)! We offer interview skills workshops and individual consultations, as well as carry a number of valuable resources. Make our experience your advantage!

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FACT

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FACT

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- ☐ Run a small company
- ☐ Run a charity
- ☐ Run an international conglomerate
- ☐ Run up the corporate ladder
- ☐ Run your life the way you want to

### Choose Any.

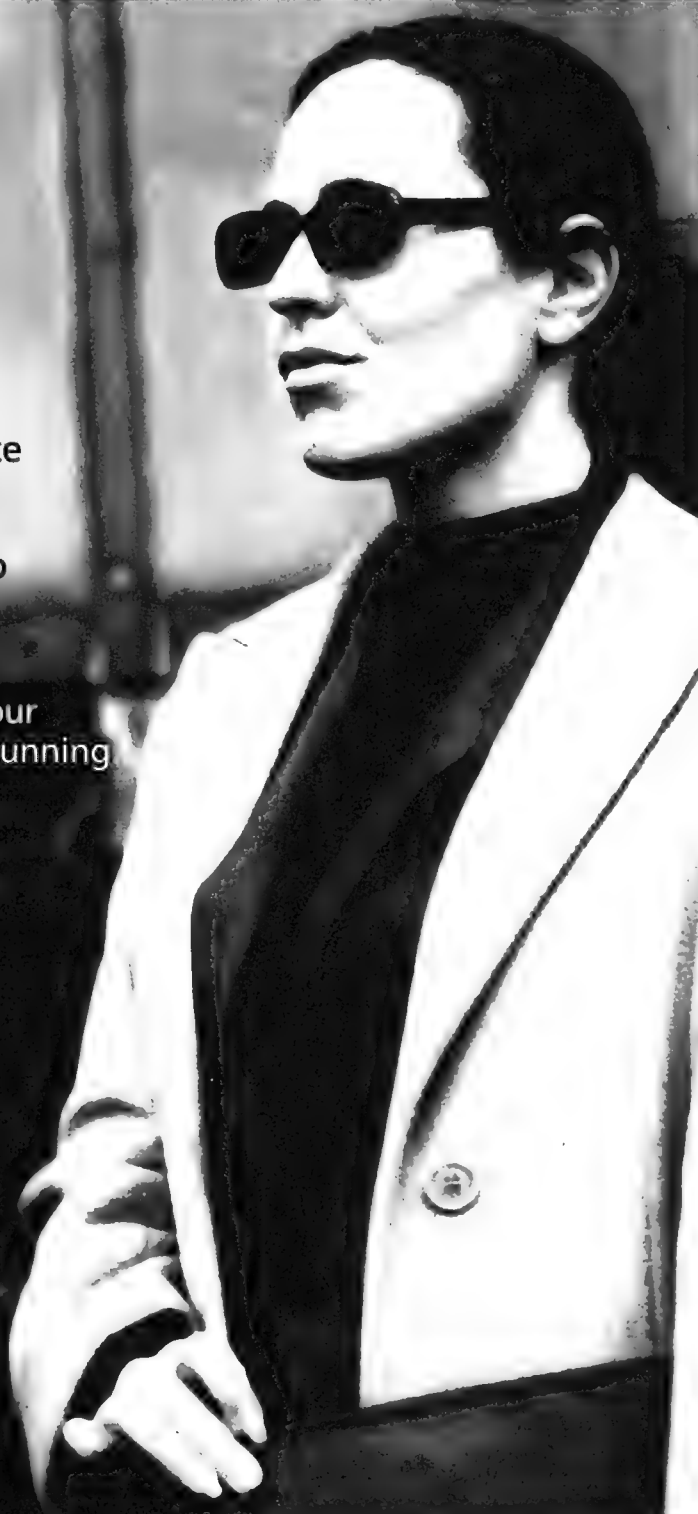
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We are an Equal Opportunity Employer

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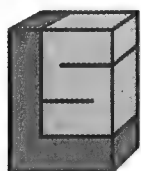
**Education Req'd:** Bachelor of Commerce graduates are encouraged to apply. (Bilingualism is a strong asset)

**Please Send Resume to:**

Human Resources Dept.  
Re: Management/Marketing Trainee  
Cargill Foods  
P.O. Bag 3850  
High River, AB T1V 1P4

Fax: (403) 652-4671

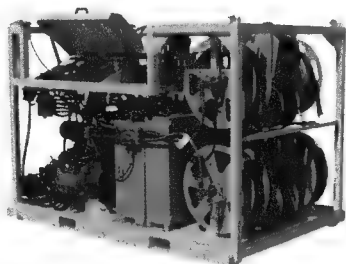
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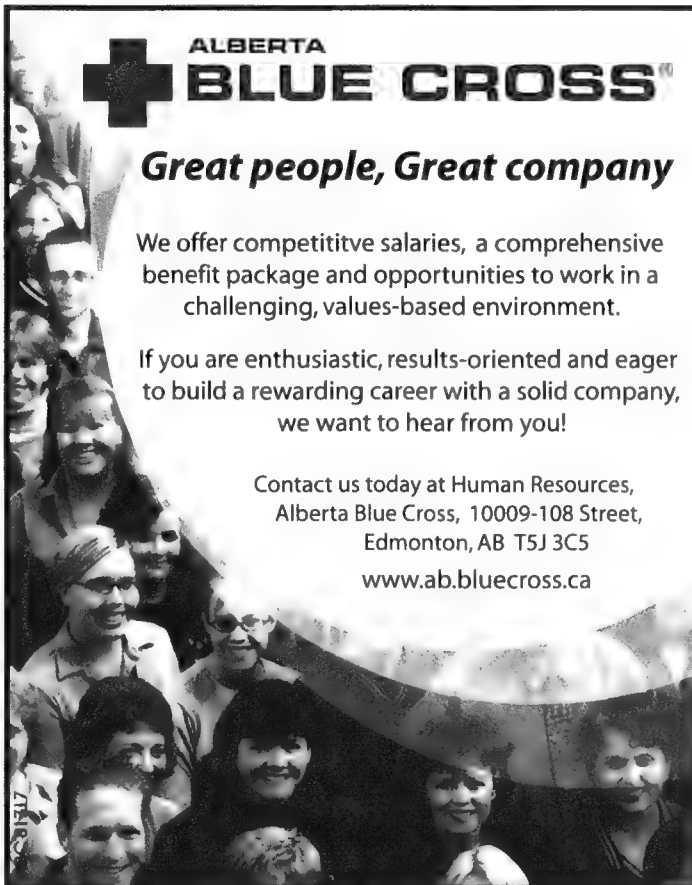


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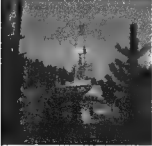




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[www.greatCAREERSatSTAPLES.ca](http://www.greatCAREERSatSTAPLES.ca)

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A career at Shell Chemicals Canada Ltd. provides you with the opportunity to work within a Global company but at a level that is small enough to make your contribution count! We offer an exciting and challenging environment, an on going commitment to learning, and a competitive compensation package.

Our operations depend upon effective local implementation of global strategies. As a result, our people must have the ability to work across national and organizational boundaries, need excellent communication and leader-

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Shell Chemicals Canada Ltd. values a diverse workforce and the ways people differ.

We promote an open and inclusive work environment where employees are encouraged to show personal leadership and accountability and are able to contribute fully and openly.

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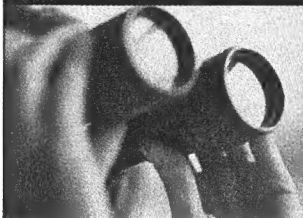
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### New Graduate Opportunities

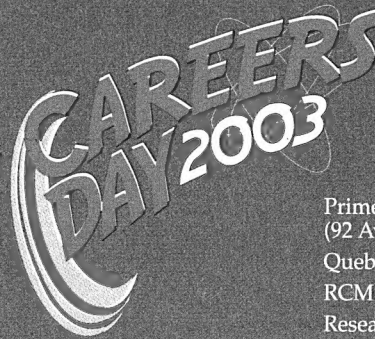
Husky strives to provide a work environment and programs that allow employees to contribute to their full potential and be recognized for their initiative. Husky offers one of the strongest business growth plans in the industry, which affords new, exciting and fulfilling career opportunities.

Please visit our website, [www.huskyenergy.ca](http://www.huskyenergy.ca), to learn more about us and our student, new graduate and other career opportunities.



**Opportunities**

# Organizations attending



as of Aug 22/03

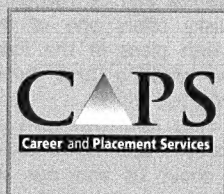
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ABC Head Start  
AFSC (Agriculture Financial Services Corp.)  
Agrium Inc.  
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Farm Credit Canada  
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Flint Energy Services Ltd.  
Fluor Canada Ltd.  
Foresters (Insurance & Investment Organization)  
Frito Lay Canada  
Gov't of Alberta, Alberta Human Resources & Employment  
Gov't of Alberta, Alberta Infrastructure/Transportation  
Gov't of Alberta, Alberta Municipal Affairs  
Gov't of Alberta, Auditor General of Alberta  
Gov't of Alberta, Sustainable Resource Development  
Gov't of Canada, Canadian Forces Recruiting  
Gov't of Canada, Parks Canada Agency

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